

**Oracle® Communications  
Unified Assurance**

Licensing Information User Manual

Release 6.0.4

**F87801-02**

February 2024

Copyright © 2024, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

# Contents

Introduction.....	1
Licensing Information.....	2
Third-Party Notices.....	11



## Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle software program(s) covered by this document (the “Program(s)”). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the Oracle Software Delivery Cloud website (<https://edelivery.oracle.com>) or from media Oracle may provide. If you have a question about your license rights and obligations, please contact your Oracle sales representative, review the information provided in Oracle’s Software Investment Guide (<http://www.oracle.com/us/corporate/pricing/software-investment-guide/index.html>), and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html>.

## Licensing Information

Product	Subproduct	Licensing Description
Oracle Communications Unified Assurance	Oracle Communications Unified Assurance	<p>This is the full platform that can use adaptors for integrations and use device licenses to speak directly to devices. All devices are priced by Unified Assurance irrespective if directly connected or managed via an element manager and consumed by Assurance via an adaptor.</p> <p><b>Oracle Communications Unified Assurance includes:</b></p> <ul style="list-style-type: none"> <li>• Event Manager, which includes Knowledgebase, Custom Action Policy Engine, Supervised Event Correlation, Watcher, Trap, Syslog, Email, TL1 gateway</li> <li>• Performance Manager, which includes Performance Manager Base, Polling Engine, Dynamic Device Overviews, Top-N reports, Poct Collection Consolidation Engine, KPI Creation, Threshold Engines, Burst Detection, Baseline, Trend</li> <li>• Pollers, which includes ICMP, generic SNMP, IPSLA, device health, interface health</li> <li>• Service Assurance, which includes SAM Engine, SAM collectors</li> <li>• Topology Manager for all OSI layers, which includes topology-based root cause analysis, user interfaces for topology manager, stitchers</li> <li>• Multitenant visualization engine, which includes all portal and dashboard components</li> </ul> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Licenses for Direct Connect Devices for Unified Assurance</li> <li>• Adaptors for integrations into third-party components (as required)</li> <li>• Oracle Communications Unified Assurance Event History License Subscription</li> </ul> <p style="text-align: center;">or</p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance Event History and Analytics License Subscription</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Unified Assurance Large Devices (CORE/EDGE)	<p><b>Oracle Communications Large Devices (CORE/EDGE) Are Defined As:</b></p> <p>A core network is a telecommunication network's core part, which offers numerous services to the customers who are interconnected by the access network. Its key function is to direct telephone calls over the public-switched telephone network.</p> <p>In general, this term signifies the highly functional communication facilities that interconnect primary nodes. The core network delivers routes to exchange information among various sub-networks. When it comes to enterprise networks that serve a single organization, the term backbone is often used instead of core network, whereas when used with service providers the term core network is prominent.</p> <p>This term is also known as network core or backbone network.</p>

Product	Subproduct	Licensing Description
		<p>An edge device is any piece of hardware that controls data flow at the boundary between two networks. Edge devices fulfill a variety of roles, depending on what type of device they are, but they essentially serve as network entry -- or exit -- points. Some common functions of edge devices are the transmission, routing, processing, monitoring, filtering, translation and storage of data passing between networks. Edge devices are used by enterprises and service providers.</p> <p>One of the most common types of edge devices is an edge router. Usually deployed to connect a campus network to the internet or a WAN, edge routers chiefly function as gateways between networks. A similar type of edge device, known as a routing switch, can also be used for this purpose, although routing switches typically offer less-comprehensive features than full-fledged routers.</p> <p>Firewalls can also be classified as edge devices, as they sit on the periphery of one network and filter data moving between internal and external networks.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Unified Assurance Small Devices (CPE/RAN/NID)	<p><b>Oracle Communications Large Devices (CPE/RAN/NID) Are Defined As:</b></p> <p>In telecommunications, a customer-premises equipment or customer-provided equipment (CPE) is any terminal and associated equipment located at a subscriber's premises and connected with a carrier's telecommunication circuit at the demarcation point ("demarc"). The demarc is a point established in a building or complex to separate customer equipment from the equipment located in either the distribution infrastructure or central office of the communications service provider.</p> <p>CPE generally refers to devices such as telephones, routers, network switches, residential gateways (RG), set-top boxes, fixed mobile convergence products, home networking adapters and Internet access gateways that enable consumers to access providers' communication services and distribute them in a residence or enterprise with a local area network (LAN).</p> <p>A radio access network (RAN) is a major component of a wireless telecommunications system that connects individual devices to other parts of a network through a radio link. The RAN links user equipment, such as a cellphone, computer or any remotely controlled machine, over a fiber or wireless backhaul connection. That link goes to the core network, which manages subscriber information, location and more.</p> <p>The RAN, which is sometimes also called the access network, is the radio element of the cellular network. A cellular network is made up of land areas called cells. A cell is served by at least one radio transceiver, although the standard is typically three for cell sites.</p> <p>A RAN is made up of three essential elements:</p>

Product	Subproduct	Licensing Description
		<p>1. Antennas convert electrical signals into radio waves.</p> <p>2. Radios transform digital information into signals that can be sent wirelessly and ensure that transmissions are in the correct frequency bands with the right power levels.</p> <p>3. Baseband units (BBUs) provide a set of signal processing functions that make wireless communication possible. Traditional baseband uses custom electronics combined with multiple lines of code to enable wireless communication, typically using the licensed radio spectrum. BBU processing detects errors, secures the wireless signal and ensures that wireless resources are used effectively.</p> <p>In telecommunications, a network interface device (NID; also known by several other names) is a device that serves as the demarcation point between the carrier's local loop and the customer's premises wiring. Outdoor telephone NIDs also provide the subscriber with access to the station wiring and serve as a convenient test point for verification of loop integrity and of the subscribers inside wiring.</p> <p>Small devices may also represent servers; physical or virtual.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> </ul>
<p>Oracle Communications Unified Assurance</p>	<p>Oracle Communications Unified Assurance IOT Devices (Endpoint Devices)</p>	<p>IOT (Internet of Things) Devices are defined as simple input Devices operated by humans, or remotely managed or fully automated Devices collecting information or responding to commands issues from centralized control points. IOT Devices include but are not limited to smart mobiles, smart fire alarms, smart door locks, smart bicycles, medical sensors, fitness trackers, and smart security systems</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> </ul>
<p>Oracle Communications Unified Assurance</p>	<p>Oracle Communications Federated Assurance</p>	<p>This is a limited version of the platform that cannot directly communicate with end devices. It can consume fault or performance management data from other sources for purposes of combining data from other managers into a consolidated view. Adaptors are used to support integrations. Federated Assurance device licenses are required for the number of devices that will be managed.</p> <p><b>Oracle Communications Federated Assurance includes:</b></p> <p>Event Manager, which includes Knowledgebase, Custom Action Policy Engine, Watcher, Supervised Event Correlation.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Licenses for Adaptor Based Devices for Federated Assurance</li> <li>• Adaptors for integrations into third-party components (as required)</li> <li>• Oracle Communications Unified Assurance Event History License Subscription</li> </ul> <p>or</p>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>Oracle Communications Unified Assurance Event History and Analytics License Subscription</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Federated Assurance Large Devices (CORE/EDGE)	<p><b>Oracle Communications Large Devices (CORE/EDGE) Are Defined As:</b></p> <p>A core network is a telecommunication network's core part, which offers numerous services to the customers who are interconnected by the access network. Its key function is to direct telephone calls over the public-switched telephone network.</p> <p>In general, this term signifies the highly functional communication facilities that interconnect primary nodes. The core network delivers routes to exchange information among various sub-networks. When it comes to enterprise networks that serve a single organization, the term backbone is often used instead of core network, whereas when used with service providers the term core network is prominent.</p> <p>This term is also known as network core or backbone network.</p> <p>An edge device is any piece of hardware that controls data flow at the boundary between two networks. Edge devices fulfill a variety of roles, depending on what type of device they are, but they essentially serve as network entry -- or exit -- points. Some common functions of edge devices are the transmission, routing, processing, monitoring, filtering, translation and storage of data passing between networks. Edge devices are used by enterprises and service providers.</p> <p>One of the most common types of edge devices is an edge router. Usually deployed to connect a campus network to the internet or a WAN, edge routers chiefly function as gateways between networks. A similar type of edge device, known as a routing switch, can also be used for this purpose, although routing switches typically offer less-comprehensive features than full-fledged routers.</p> <p>Firewalls can also be classified as edge devices, as they sit on the periphery of one network and filter data moving between internal and external networks.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Federated Assurance</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Federated Assurance Small Devices (CPE/RAN/NID)	<p><b>Oracle Communications Large Devices (CPE/RAN/NID) Are Defined As:</b></p> <p>In telecommunications, a customer-premises equipment or customer-provided equipment (CPE) is any terminal and associated equipment located at a subscriber's premises and connected with a carrier's telecommunication circuit at the demarcation point ("demarc"). The demarc is a point established in a building or complex to separate customer equipment from the equipment located in either the distribution infrastructure or central office of the communications service provider.</p>

Product	Subproduct	Licensing Description
		<p>CPE generally refers to devices such as telephones, routers, network switches, residential gateways (RG), set-top boxes, fixed mobile convergence products, home networking adapters and Internet access gateways that enable consumers to access providers' communication services and distribute them in a residence or enterprise with a local area network (LAN).</p> <p>A radio access network (RAN) is a major component of a wireless telecommunications system that connects individual devices to other parts of a network through a radio link. The RAN links user equipment, such as a cellphone, computer or any remotely controlled machine, over a fiber or wireless backhaul connection. That link goes to the core network, which manages subscriber information, location and more.</p> <p>The RAN, which is sometimes also called the access network, is the radio element of the cellular network. A cellular network is made up of land areas called cells. A cell is served by at least one radio transceiver, although the standard is typically three for cell sites.</p> <p>A RAN is made up of three essential elements:</p> <ol style="list-style-type: none"> <li>1. Antennas convert electrical signals into radio waves.</li> <li>2. Radios transform digital information into signals that can be sent wirelessly and ensure that transmissions are in the correct frequency bands with the right power levels.</li> <li>3. Baseband units (BBUs) provide a set of signal processing functions that make wireless communication possible. Traditional baseband uses custom electronics combined with multiple lines of code to enable wireless communication, typically using the licensed radio spectrum. BBU processing detects errors, secures the wireless signal and ensures that wireless resources are used effectively.</li> </ol> <p>In telecommunications, a network interface device (NID; also known by several other names) is a device that serves as the demarcation point between the carrier's local loop and the customer's premises wiring. Outdoor telephone NIDs also provide the subscriber with access to the station wiring and serve as a convenient test point for verification of loop integrity and of the subscribers inside wiring.</p> <p>Small devices may also represent servers; physical or virtual.</p> <p><b>Prerequisites:</b> Oracle Communications Federated Assurance</p>
<p>Oracle Communications Unified Assurance</p>	<p>Oracle Communications Federated Assurance IOT Devices (Endpoint Devices)</p>	<p>IOT (Internet of Things) Devices are defined as simple input Devices operated by humans, or remotely managed or fully automated Devices collecting information or responding to commands issues from centralized control points. IOT Devices include but are not limited to smart mobiles, smart fire alarms, smart door locks, smart bicycles, medical sensors, fitness trackers, and smart security systems</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Federated Assurance</li> </ul>

Product	Subproduct	Licensing Description
Oracle Communications Unified Assurance	Oracle Communications Unified Topology	<p>This is a limited version of the platform that cannot directly communicate with end devices. It will not consume fault or performance information. It's designed strictly to consume topology information only from one or more sources. Adaptors are used to support integrations. Unified Topology device licenses are required for the number of devices that will be managed.</p> <p><b>Oracle Communications Unified Topology includes:</b></p> <ul style="list-style-type: none"> <li>• Topology Manager for all OSI layers, which includes user interfaces for topology manager, stitchers</li> <li>• Multitenant visualization engine, which includes all portal and dashboard components</li> </ul> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Licenses for Adaptor Based Devices for Unified Topology</li> <li>• Adaptors for integrations into third-party components (as required)</li> <li>• Oracle Communications Unified Assurance Event History License Subscription (for Unified Assurance log files only)</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Unified Topology Large Devices (CORE/EDGE)	<p><b>Oracle Communications Large Devices (CORE/EDGE) Are Defined As:</b></p> <p>A core network is a telecommunication network's core part, which offers numerous services to the customers who are interconnected by the access network. Its key function is to direct telephone calls over the public-switched telephone network.</p> <p>In general, this term signifies the highly functional communication facilities that interconnect primary nodes. The core network delivers routes to exchange information among various sub-networks. When it comes to enterprise networks that serve a single organization, the term backbone is often used instead of core network, whereas when used with service providers the term core network is prominent.</p> <p>This term is also known as network core or backbone network.</p> <p>An edge device is any piece of hardware that controls data flow at the boundary between two networks. Edge devices fulfill a variety of roles, depending on what type of device they are, but they essentially serve as network entry -- or exit -- points. Some common functions of edge devices are the transmission, routing, processing, monitoring, filtering, translation and storage of data passing between networks. Edge devices are used by enterprises and service providers.</p> <p>One of the most common types of edge devices is an edge router. Usually deployed to connect a campus network to the internet or a WAN, edge routers chiefly function as gateways between networks. A similar type of edge device, known as a routing switch, can also be used for this purpose, although routing switches typically offer less-comprehensive features than full-fledged routers.</p> <p>Firewalls can also be classified as edge devices, as they sit on the periphery of one network and filter data moving between internal and external networks.</p>

Product	Subproduct	Licensing Description
		<p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>Oracle Communications Unified Topology</li> </ul>
<p>Oracle Communications Unified Assurance</p>	<p>Oracle Communications Unified Topology Small Devices (CPE/RAN/NID)</p>	<p><b>Oracle Communications Large Devices (CPE/RAN/NID) Are Defined As:</b></p> <p>In telecommunications, a customer-premises equipment or customer-provided equipment (CPE) is any terminal and associated equipment located at a subscriber's premises and connected with a carrier's telecommunication circuit at the demarcation point ("demarc"). The demarc is a point established in a building or complex to separate customer equipment from the equipment located in either the distribution infrastructure or central office of the communications service provider.</p> <p>CPE generally refers to devices such as telephones, routers, network switches, residential gateways (RG), set-top boxes, fixed mobile convergence products, home networking adapters and Internet access gateways that enable consumers to access providers' communication services and distribute them in a residence or enterprise with a local area network (LAN).</p> <p>A radio access network (RAN) is a major component of a wireless telecommunications system that connects individual devices to other parts of a network through a radio link. The RAN links user equipment, such as a cellphone, computer or any remotely controlled machine, over a fiber or wireless backhaul connection. That link goes to the core network, which manages subscriber information, location and more.</p> <p>The RAN, which is sometimes also called the access network, is the radio element of the cellular network. A cellular network is made up of land areas called cells. A cell is served by at least one radio transceiver, although the standard is typically three for cell sites.</p> <p>A RAN is made up of three essential elements:</p> <ol style="list-style-type: none"> <li>1. Antennas convert electrical signals into radio waves.</li> <li>2. Radios transform digital information into signals that can be sent wirelessly and ensure that transmissions are in the correct frequency bands with the right power levels.</li> <li>3. Baseband units (BBUs) provide a set of signal processing functions that make wireless communication possible. Traditional baseband uses custom electronics combined with multiple lines of code to enable wireless communication, typically using the licensed radio spectrum. BBU processing detects errors, secures the wireless signal and ensures that wireless resources are used effectively.</li> </ol> <p>In telecommunications, a network interface device (NID; also known by several other names) is a device that serves as the demarcation point between the carrier's local loop and the customer's premises wiring. Outdoor telephone NIDs also provide the subscriber with access to the station wiring and serve as a convenient test point for verification of loop integrity and of the subscribers inside wiring.</p> <p>Small devices may also represent servers; physical or virtual.</p>

Product	Subproduct	Licensing Description
		<p><b>Prerequisites:</b></p> <p>Oracle Communications Unified Topology</p>
Oracle Communications Unified Assurance	Oracle Communications Unified Topology IOT Devices (Endpoint Devices)	<p>IOT (Internet of Things) Devices are defined as simple input Devices operated by humans, or remotely managed or fully automated Devices collecting information or responding to commands issues from centralized control points. IOT Devices include but are not limited to smart mobiles, smart fire alarms, smart door locks, smart bicycles, medical sensors, fitness trackers, and smart security systems</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Topology</li> </ul>
Oracle Communications Unified Assurance	Unified Assurance External Presentation Server	<p>This is a presentation server that can be added to a cluster to sit outside of the DMZ for external users to access. Only one external presentation server license may be applied is supported per instance/custer of Unified Assurance.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> <li>or</li> <li>• Oracle Communications Federated Assurance</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Visualized Assurance	<p>This is a GIS-based add-on for geospatial fault analysis. Visualized Assurance (Visualization) combines live network data and external data to provide a holistic view of the network status. Visualization allows operators to visually correlate network and service issues with external sources of geographical data, for example, weather and utility, with a zoom down to street/site level facility.</p> <p>The multi-tenanted Visualization UI also enables personalized customer views of the data, by layers, entities etc.</p> <p>Visualization is highly configurable, using a layered approach to visualizing network objects and service coverage status. This allows operators and non-network users to focus on relevant data to help understand, diagnose, and respond to issues without the distraction of visualization noise, and directly visually correlate layered data improving their understanding of the impact of faults in relation to location and customers.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> <li>or</li> <li>• Oracle Communications Federated Assurance</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Unified Assurance Event History License Subscription	<p>Event History is a <u>required</u> component for the platform—a license subscription to either Event History or Event History Plus Analytics must be purchased.</p> <p>Event History License Subscription retains event history and centralizes log files that are generated by the platform.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> <li>or</li> </ul>

Product	Subproduct	Licensing Description
		<ul style="list-style-type: none"> <li>• Oracle Communications Federated Assurance</li> <li>or</li> <li>• Oracle Communications Unified Topology</li> </ul>
Oracle Communications Unified Assurance	Oracle Communications Unified Assurance Event History Plus Analytics License Subscription	<p>Event History is a <u>required</u> component for the platform—a license subscription to either Event History or Event History Plus Analytics must be purchased.</p> <p>Event History Plus Analytics License Subscription retains event history and centralizes log files but, unlike Oracle Communications Unified Assurance Event History License Subscription, this component adds machine learning that can be applied to event history.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> <li>or</li> <li>• Oracle Communications Federated Assurance</li> </ul>
Oracle Communications Unified Assurance	Unified Assurance Remedy Adapter	<p>Provides a bespoke integration into Remedy for the purposes of creating, updating, and closing trouble tickets from events.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> <li>or</li> <li>• Oracle Communications Federated Assurance</li> </ul>
Oracle Communications Unified Assurance	Unified Assurance ServiceNow Adapter	<p>Provides a bespoke integration into Service Now for the purposes of creating, updating, and closing trouble tickets from events.</p> <p><b>Prerequisites:</b></p> <ul style="list-style-type: none"> <li>• Oracle Communications Unified Assurance</li> <li>or</li> <li>• Oracle Communications Federated Assurance</li> </ul>

## Third-Party Notices

Commercial software products or components distributed in Oracle Communications Unified Assurance are identified in the following table along with the applicable licensing information. Required notices for open source or other separately licensed software products or components distributed in Oracle Communications Unified Assurance are also identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third-party software.

Provider, Component(s), Version, Licensing Information

**All contributors to Sortable, Sortable.js, 1.15.0,**  
" == License MIT License

Copyright (c) 2019 All contributors to Sortable

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices  
Copyright (c) 2019 All contributors to Sortable"

**Andy Pan, ants, 2.7.2,**

"

----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2018 Andy Pan  
Copyright 2019 Andy Pan & Dietoad. All rights reserved.  
Copyright 2021 Andy Pan & Dietoad. All rights reserved.  
== SPDX:MIT

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"  
**Brian Bruns, FreeTDS, 1.4.6,**  
" ----- Top-level license -----  
-----

GNU LIBRARY GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is  
numbered 2 because it goes with version 2 of the ordinary GPL.]

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights.

These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to

permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

### GNU LIBRARY GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an

appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of

a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative

work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this

License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing

and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
This library is free software; you can redistribute it and/or  
modify it under the terms of the GNU Library General Public  
License as published by the Free Software Foundation; either  
version 2 of the License, or (at your option) any later version.
```

```
This library is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
Library General Public License for more details.
```

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

```
----- Copyright notices -----
--
/* FreeTDS - Library of routines accessing Sybase and Microsoft databases
 * Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004 Brian Bruns
 * Copyright (C) 2010 Frediano Ziglio
 *
 * This library is free software; you can redistribute it and/or
 * modify it under the terms of the GNU Library General Public
 * License as published by the Free Software Foundation; either
 * version 2 of the License, or (at your option) any later version.
 *
 * This library is distributed in the hope that it will be useful,
 * but WITHOUT ANY WARRANTY; without even the implied warranty of
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
 * Library General Public License for more details.
 *
 * You should have received a copy of the GNU Library General Public
 * License along with this library; if not, write to the
 * Free Software Foundation, Inc., 59 Temple Place - Suite 330,
 * Boston, MA 02111-1307, USA.
 */

/* TDSPOOL - Connection pooling for TDS based databases
 * Copyright (C) 2001 Brian Bruns
 *
 * This program is free software; you can redistribute it and/or modify
 * it under the terms of the GNU General Public License as published by
 * the Free Software Foundation; either version 2 of the License, or
 * (at your option) any later version.
 *
 * This program is distributed in the hope that it will be useful,
 * but WITHOUT ANY WARRANTY; without even the implied warranty of
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
 * GNU General Public License for more details.
 *
 * You should have received a copy of the GNU General Public License
 * along with this program; if not, write to the Free Software
```

## Third-Party Notices

---

\* Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307  
USA

\*  
\*/

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
Copyright (C) 1991 Free Software Foundation, Inc.  
Copyright (C) 1992, 93, 96, 97, 98, 99, 2004 Free Software Foundation,  
Inc.  
Copyright (C) 1992-1996, 1998-2012 Free Software Foundation, Inc.  
Copyright (C) 1994-2018 Free Software Foundation, Inc.  
Copyright (C) 1996-2001, 2003-2015 Free Software Foundation, Inc.  
Copyright (C) 1996-2003, 2009-2019 Free Software Foundation, Inc.  
Copyright (C) 1996-2015 Free Software Foundation, Inc.  
Copyright (C) 1996-2018 Free Software Foundation, Inc.  
Copyright (C) 1997-2018 Free Software Foundation, Inc.  
Copyright (C) 1997-2020 by Dimitri van Heesch  
Copyright (C) 1998, 1999, 2000, 2001 Brian Bruns  
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003 Brian Bruns  
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004 Brian Bruns  
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004 Brian  
Bruns</span></div>  
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Brian Bruns  
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Brian  
Bruns</span></div>  
Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Brian Bruns  
Copyright (C) 1998,1999,2000,2001 Nikos Mavroyanopoulos  
Copyright (C) 1998-1999 Brian Bruns  
Copyright (C) 1998-1999 Brian Bruns</span></div>  
Copyright (C) 1998-2002 Brian Bruns  
Copyright (C) 1998-2004 Brian Bruns  
Copyright (C) 1998-2004, 2005, 2010 Brian Bruns, Bill Thompson  
Copyright (C) 1998-2011 Brian Bruns  
Copyright (C) 1998-2011 Brian Bruns</span></div>  
Copyright (C) 1999-2008, 2011-2015 Free Software Foundation, Inc.  
Copyright (C) 1999-2018 Free Software Foundation, Inc.  
Copyright (C) 2000 Free Software Foundation, Inc.  
Copyright (C) 2000-2002, 2007-2014, 2016-2019 Free Software Foundation,  
Copyright (C) 2001 Brian Bruns  
Copyright (C) 2001 Brian Bruns</span></div>  
Copyright (C) 2001 Nikos Mavroyanopoulos  
Copyright (C) 2001, 2002, 2003, 2004, 2005 Brian Bruns  
Copyright (C) 2001-2005, 2008-2019 Free Software Foundation, Inc.  
Copyright (C) 2001-2018 Free Software Foundation, Inc.  
Copyright (C) 2001-2019 Free Software Foundation, Inc.  
Copyright (C) 2002, 2003, 2004 Brian Bruns  
Copyright (C) 2002, 2003, 2004 Brian Bruns</span></div>  
Copyright (C) 2002, 2003, 2004, 2005 James K. Lowden  
Copyright (C) 2002, 2003, 2004, 2005 James K. Lowden  
Copyright (C) 2002-2012 Frediano Ziglio  
Copyright (C) 2002-2018 Free Software Foundation, Inc.  
Copyright (C) 2002-2019 Free Software Foundation, Inc.  
Copyright (C) 2003 Craig A. Berry craigberry@mac.com 05-MAY-  
2003  
Copyright (C) 2003 Craig A. Berry craigberry@mac.com 1-FEB-2003  
Copyright (C) 2003 Craig A. Berry craigberry@mac.com 23-JAN-2003

Copyright (C) 2003 Steve Murphree  
Copyright (C) 2003, 2004 Frediano Ziglio  
Copyright (C) 2003, 2004 James K. Lowden, based on original work by Brian  
Bruns  
Copyright (C) 2003, 2010 Craig A. Berry craigberry@mac.com  
Copyright (C) 2003-2008 Frediano Ziglio  
Copyright (C) 2003-2010 Frediano Ziglio  
Copyright (C) 2003-2011 Frediano Ziglio  
Copyright (C) 2003-2012 Frediano Ziglio  
Copyright (C) 2003-2018 Free Software Foundation, Inc.  
Copyright (C) 2004 Frediano Ziglio  
Copyright (C) 2004 James K. Lowden\n""  
Copyright (C) 2004 Frediano Ziglio  
Copyright (C) 2004 Frediano Ziglio</span></div>  
Copyright (C) 2004, 2005 James K. Lowden  
Copyright (C) 2004, 2005 Ziglio Frediano  
Copyright (C) 2004, 2005 Frediano Ziglio  
Copyright (C) 2004, 2011-2015 Free Software Foundation, Inc.  
Copyright (C) 2004-2005 Bill Thompson  
Copyright (C) 2004-2005, 2007, 2009, 2011-2015 Free Software  
Copyright (C) 2004-2005, 2007-2008, 2011-2015 Free Software  
Copyright (C) 2004-2005, 2007-2009, 2011-2015 Free Software  
Copyright (C) 2004-2009 James K. Lowden  
Copyright (C) 2004-2010 Frediano Ziglio  
Copyright (C) 2004-2010 Frediano Ziglio</span></div>  
Copyright (C) 2004-2011 Frediano Ziglio  
Copyright (C) 2004-2011 James K. Lowden  
Copyright (C) 2004-2015 Frediano Ziglio  
Copyright (C) 2004-2015 Ziglio Frediano  
Copyright (C) 2004-2015 Free Software Foundation, Inc.  
Copyright (C) 2004-2018 Free Software Foundation, Inc.  
Copyright (C) 2005 Frediano Ziglio  
Copyright (C) 2005 Frediano Ziglio  
Copyright (C) 2005 James K. Lowden</span></div>  
Copyright (C) 2005 Frediano Ziglio  
Copyright (C) 2005 Liam Widdowson  
Copyright (C) 2005 Liam Widdowson</span></div>  
Copyright (C) 2005 Ziglio Frediano  
Copyright (C) 2005-2008 Frediano Ziglio  
Copyright (C) 2005-2008 Frediano Ziglio  
Copyright (C) 2005-2008 Frediano Ziglio</span></div>  
Copyright (C) 2005-2010 Frediano Ziglio  
Copyright (C) 2005-2011 Frediano Ziglio  
Copyright (C) 2005-2014 Frediano Ziglio  
Copyright (C) 2005-2015 Frediano Ziglio  
Copyright (C) 2005-2015 Ziglio Frediano  
Copyright (C) 2005-2015 Frediano Ziglio  
Copyright (C) 2006 Frediano Ziglio  
Copyright (C) 2006, 2007, 2008, 2009, 2010 Frediano Ziglio  
Copyright (C) 2006, 2007, 2008, 2009, 2010, 2011 Frediano Ziglio  
Copyright (C) 2006-2015 Frediano Ziglio  
Copyright (C) 2006-2018 Free Software Foundation, Inc.  
Copyright (C) 2007-2011 Frediano Ziglio  
Copyright (C) 2008 Frediano Ziglio  
Copyright (C) 2008 Frediano Ziglio</span></div>  
Copyright (C) 2008 Ziglio Frediano

## Third-Party Notices

---

Copyright (C) 2008 Frediano Ziglio  
Copyright (C) 2008 Frediano Ziglio</span></div>  
Copyright (C) 2008-2010 Frediano Ziglio  
Copyright (C) 2009-2018 Free Software Foundation, Inc.  
Copyright (C) 2010 Craig A. Berry craigberry@mac.com  
Copyright (C) 2010 Craig A. Berry craigberry@mac.com</span></div>  
Copyright (C) 2010 Frediano Ziglio  
Copyright (C) 2010 Frediano Ziglio</span></div>  
Copyright (C) 2010 Frediano Ziglio  
Copyright (C) 2010, 2011 Frediano Ziglio  
Copyright (C) 2010, 2011 Frediano Ziglio</span></div>  
Copyright (C) 2010-2012 Frediano Ziglio  
Copyright (C) 2010-2012 Frediano Ziglio</span></div>  
Copyright (C) 2010-2015 Frediano Ziglio  
Copyright (C) 2010-2015 Free Software Foundation, Inc.  
Copyright (C) 2010-2017 Frediano Ziglio  
Copyright (C) 2010-2017 Frediano Ziglio</span></div>  
Copyright (C) 2010-2018 Frediano Ziglio  
Copyright (C) 2011 Frediano Ziglio  
Copyright (C) 2011 Frediano Ziglio</span></div>  
Copyright (C) 2011 James K. Lowden  
Copyright (C) 2011 Frediano Ziglio  
Copyright (C) 2011 Free Software Foundation, Inc.  
Copyright (C) 2011-2015 Frediano Ziglio  
Copyright (C) 2011-2018 Free Software Foundation, Inc.  
Copyright (C) 2012 Frediano Ziglio  
Copyright (C) 2012 Frediano Ziglio  
Copyright (C) 2012 Free Software Foundation, Inc.  
Copyright (C) 2013 Frediano Ziglio  
Copyright (C) 2013 Frediano Ziglio</span></div>  
Copyright (C) 2013 Peter Deacon  
Copyright (C) 2013 Ziglio Frediano  
Copyright (C) 2014 Frediano Ziglio  
Copyright (C) 2014 Frediano Ziglio  
Copyright (C) 2014 Frediano Ziglio</span></div>  
Copyright (C) 2014 Free Software Foundation, Inc.  
Copyright (C) 2014 Mikhail Denisenko  
Copyright (C) 2015 Frediano Ziglio  
Copyright (C) 2015 Frediano Ziglio</span></div>  
Copyright (C) 2015 Ziglio Frediano  
Copyright (C) 2016 Frediano Ziglio  
Copyright (C) 2016 Frediano Ziglio  
Copyright (C) 2016 Frediano Ziglio</span></div>  
Copyright (C) 2017 Frediano Ziglio  
Copyright (C) 2018 Frediano Ziglio  
Copyright (C) 2018 Frediano Ziglio</span></div>  
Copyright (C) 2018 Ziglio Frediano  
Copyright (C) 2019 Frediano Ziglio  
Copyright (C) 2020 Frediano Ziglio  
Copyright (C) <year> <name of author>  
Copyright (C) year name of author

----- Fourth-party information -----  
--  
== NAME OF DEPENDENCY #1  
gnutls

```

== License Type
LGPLv2.1
== Copyright Notices
Copyright (C) 2011-2012 Free Software Foundation, Inc.
----- (separator) -----
--
== NAME OF DEPENDENCY #2
openssl
== License Type
OpenSSL License, Original SSLeay License
== Copyright Notices

LICENSE ISSUES
=====

The OpenSSL toolkit stays under a double license, i.e. both the
conditions of
the OpenSSL License and the original SSLeay license apply to the
toolkit.
See below for the actual license texts.

OpenSSL License
-----

/* =====
* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be
used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
* nor may "OpenSSL" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:

```

## Third-Party Notices

---

```
*      ""This product includes software developed by the OpenSSL Project
*      for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com).  This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/
```

Original SSLeay License

-----

```
/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to.  The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
```

```

* 3. All advertising materials mentioning features or use of this
software
*   must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the routines from the
library
*   being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*   the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed. i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
----- (separator) -----
--
== NAME OF DEPENDENCY #3
nettle
== License Type
LGPLv3
== Copyright Notices
Copyright (C) 2013, 2014 Niels Møller
----- (separator) -----
--
== NAME OF DEPENDENCY #4
gmp
== License Type
GPLv2 or LGPLv3
== Copyright Notices
Copyright 1991, 1996, 1999, 2000, 2007 Free Software Foundation, Inc.

This file is part of the GNU MP Library.

```

## Third-Party Notices

---

The GNU MP Library is free software; you can redistribute it and/or modify it under the terms of either:

- \* the GNU Lesser General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

or

- \* the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

or both in parallel, as here.

The GNU MP Library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received copies of the GNU General Public License and the GNU Lesser General Public License along with the GNU MP Library. If not, see <https://www.gnu.org/licenses/>.

```
----- (separator) -----
--
== NAME OF DEPENDENCY #5
libtasn1
== License Type
LGPLv2.1 or later
== Copyright Notices
Copyright (C) 2011-2021 Free Software Foundation, Inc.
```

```
----- (separator) -----
--
== NAME OF DEPENDENCY #6
libgcrypt
== License Type
GPLv2 or LGPLv2.1
== Copyright Notices
Library: Libgcrypt
Homepage: https://www.gnupg.org/related\_software/libgcrypt/
Download: https://ftp.gnupg.org/ftp/gcrypt/libgcrypt/
          ftp://ftp.gnupg.org/gcrypt/libgcrypt/
Repository: git://git.gnupg.org/libgcrypt.git
Maintainer: Werner Koch <wk@gnupg.org>
Bug reports: https://bugs.gnupg.org
Security related bug reports: <security@gnupg.org>
End-of-life: TBD
License (library): LGPLv2.1+
License (manual and tools): GPLv2+
```

Libgcrypt is free software. See the files COPYING.LIB and COPYING for copying conditions, and LICENSES for notices about a few contributions

that require these additional notices to be distributed. License copyright years may be listed using range notation, e.g., 2000-2013, indicating that every year in the range, inclusive, is a copyrightable year that would otherwise be listed individually.

#### List of Copyright holders

=====

Copyright (C) 1989,1991-2018 Free Software Foundation, Inc.  
 Copyright (C) 1994 X Consortium  
 Copyright (C) 1996 L. Peter Deutsch  
 Copyright (C) 1997 Werner Koch  
 Copyright (C) 1998 The Internet Society  
 Copyright (C) 1996-1999 Peter Gutmann, Paul Kendall, and Chris Wedgwood  
 Copyright (C) 1996-2006 Peter Gutmann, Matt Thomlinson and Blake Coverett  
 Copyright (C) 2003 Nikos Mavroyanopoulos  
 Copyright (c) 2006 CRYPTOGRAMS  
 Copyright (C) 2006-2007 NTT (Nippon Telegraph and Telephone Corporation)  
 Copyright (C) 2012-2023 g10 Code GmbH  
 Copyright (C) 2012 Simon Josefsson, Niels Møller  
 Copyright (c) 2012 Intel Corporation  
 Copyright (C) 2013 Christian Grothoff  
 Copyright (C) 2013-2022 Jussi Kivilinna  
 Copyright (C) 2013-2014 Dmitry Eremin-Solenikov  
 Copyright (C) 2014 Stephan Mueller  
 Copyright (C) 2017 Jia Zhang  
 Copyright (C) 2018 Bundesamt für Sicherheit in der Informationstechnik  
 Copyright (C) 2020 Alibaba Group.  
 Copyright (C) 2020 Tianjia Zhang

#### Authors with a FSF copyright assignment

=====

LIBGCRYPT Werner Koch 2001-06-07  
 Assigns past and future changes.  
 Assignment for future changes terminated on 2012-12-04.  
 wk@gnupg.org  
 Designed and implemented Libgcrypt.

GNUPG Matthew Skala 1998-08-10  
 Disclaims changes.  
 mskala@ansuz.sooke.bc.ca  
 Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11  
 Disclaims changes by Matthew Skala.

GNUPG Michael Roth Germany 1998-09-17  
 Assigns changes.  
 mroth@nessie.de  
 Wrote cipher/des.c.  
 Changes and bug fixes all over the place.

## Third-Party Notices

---

GNUPG Niklas Hærnaeus 1998-09-18  
Disclaims changes.  
nh@df.lth.se  
Weak key patches.

GNUPG RÈmi Guyomarch 1999-05-25  
Assigns past and future changes. (g10/compress.c, g10/encr-data.c,  
g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)  
rguyom@mail.dotcom.fr

ANY g10 Code GmbH 2001-06-07  
Assignment for future changes terminated on 2012-12-04.  
Code marked with ChangeLog entries of g10 Code employees.

LIBGCRYPT Timo Schulz 2001-08-31  
Assigns past and future changes.  
twoaday@freakmail.de

LIBGCRYPT Simon Josefsson 2002-10-25  
Assigns past and future changes to FSF (cipher/{md4,crc}.c, CTR mode,  
CTS/MAC flags, self test improvements)  
simon@josefsson.org

LIBGCRYPT Moritz Schulte 2003-04-17  
Assigns past and future changes.  
moritz@g10code.com

GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22  
nmav@gnutls.org  
Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15  
Assigns past and future changes. (new: src/libgrypt.pc.in,  
src/Makefile.am, src/secmem.c, mpi/hppal.1/mpih-mul3.S,  
mpi/hppal.1/udiv-qrnnd.S, mpi/hppal.1/mpih-mul2.S,  
mpi/hppal.1/mpih-mull1.S, mpi/Makefile.am, tests/prime.c,  
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,  
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09  
Assigns Past and Future Changes  
bradh@frogmouth.net  
(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.  
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

LIBGCRYPT Hye-Shik Chang 2006-09-07  
Assigns Past and Future Changes  
perky@freebsd.org  
(SEED cipher)

LIBGCRYPT Werner Dittmann 2009-05-20  
Assigns Past and Future Changes  
werner.dittmann@t-online.de  
(mpi/amd64, tests/mpitests.c)

GNUPG David Shaw

Assigns past and future changes.  
dshaw@jabberwocky.com  
(cipher/camellia-glue.c and related stuff)

LIBGCRYPT           Andrey Jivsov       2010-12-09  
Assigns Past and Future Changes  
openpgp@brainhub.org  
(cipher/ecc.c and related files)

LIBGCRYPT           Ulrich M,ller       2012-02-15  
Assigns Past and Future Changes  
ulm@gentoo.org  
(Changes to cipher/idea.c and related files)

LIBGCRYPT           Vladimir Serbinenko 2012-04-26  
Assigns Past and Future Changes  
phcoder@gmail.com  
(cipher/serpent.c)

Authors with a DCO  
=====

Andrei Scherer <andsch@inbox.com>  
2014-08-22:BF7CEF794F9.000003F0andsch@inbox.com:

Christian Aistleitner <christian@quelltextlich.at>  
2013-02-26:20130226110144.GA12678@quelltextlich.at:

Christian Grothoff <christian@grothoff.org>  
2013-03-21:514B5D8A.6040705@grothoff.org:

Clemens Lang <cllang@redhat.com>  
2022-02-10:20220210133844.46581-1-cllang@redhat.com:

Danny Tsen <dtsen@us.ibm.com>  
2021-12-20:OF85D11C2F.7A339D7D-ON002587B1.0042A81E-  
002587B1.0042B94D@ibm.com

Dmitry Baryshkov <dbaryshkov@gmail.com>  
Dmitry Eremin-Solenikov <dbaryshkov@gmail.com>  
2013-07-13:20130713144407.GA27334@fangorn.rup.mentorg.com:

Dmitry Kasatkin <dmitry.kasatkin@intel.com>  
2012-12-14:50CAE2DB.80302@intel.com:

H.J. Lu <hjl.tools@gmail.com>  
2020-01-19:20200119135241.GA4970@gmail.com:

Jia Zhang <qianye.zj@alibaba-inc.com>  
2017-10-17:59E56E30.9060503@alibaba-inc.com:

JÈrÈmie CourrÈges-Anglas <jca@wxcvbn.org>  
2016-05-26:87bn3ssqg0.fsf@ritchie.wxcvbn.org:

Jussi Kivilinna <jussi.kivilinna@mbnet.fi>

## Third-Party Notices

---

2012-11-15:20121115172331.150537dzb5i6jmy8@www.dalek.fi:

Jussi Kivilinna <jussi.kivilinna@iki.fi>

2013-05-06:5186720A.4090101@iki.fi:

Markus Teich <markus dot teich at stusta dot mhn dot de>

2014-10-08:20141008180509.GA2770@trolle:

Martin Storsj  <martin@martin.st>

2018-03-28:dc1605ce-a47d-34c5-8851-d9569f9ea5d3@martin.st:

Mathias L. Baumann <mathias.baumann at sociomantic.com>

2017-01-30:07c06d79-0828-b564-d604-fd16c7c86ebe@sociomantic.com:

Milan Broz <gmazyland@gmail.com>

2014-01-13:52D44CC6.4050707@gmail.com:

Paul Wolneykien <manowar@altlinux.org>

2019-11-19:20191119204459.312927aa@rigel.localdomain:

Peter Wu <peter@lekensteyn.nl>

2015-07-22:20150722191325.GA8113@al:

Rafa l Carr  <funman@videolan.org>

2012-04-20:4F91988B.1080502@videolan.org:

Sergey V. <sftp.mtuci@gmail.com>

2013-11-07:2066221.5IYa7Yq760@darkstar:

Shawn Landden <shawn@git.icu>

2019-07-09:2794651562684255@iva4-64850291calc.qcloud-c.yandex.net:

Stephan Mueller <smueller@chronox.de>

2014-08-22:2008899.250eoelVVA@myon.chronox.de:

Tianjia Zhang <tianjia.zhang@linux.alibaba.com>

2020-01-08:dcda0127-2f45-93a3-0736-27259a33bffa@linux.alibaba.com:

Tom   Mr.z <tm@t8m.info>

2012-04-16:1334571250.5056.52.camel@vespa.frost.loc:

Vitezslav Cizek <vcizek@suse.com>

2015-11-05:20151105131424.GA32700@kolac.suse.cz:

Werner Koch <wk@gnupg.org> (g10 Code GmbH)

2012-12-05:87obi8u4h2.fsf@vigenere.g10code.de:

More credits

=====

Libgcrypt used to be part of GnuPG but has been taken out into its own package on 2000-12-21.

Most of the stuff in mpi has been taken from an old GMP library version by Torbjorn Granlund <tege@noisy.tmg.se>.

The files cipher/rndunix.c and cipher/rndw32.c are based on those files from Cryptlib. Copyright Peter Gutmann, Paul Kendall, and Chris Wedgwood 1996-1999.

The ECC code cipher/ecc.c was based on code by Sergi Blanch i Torne, sergi at calcurco dot org.

The implementation of the Camellia cipher has been taken from the original NTT provided GPL source.

The CAVS testing program tests/cavs\_driver.pl is not to be considered a part of libgcrypt proper. We distribute it merely for convenience. It has a permissive license and is copyrighted by atsec information security corporation. See the file for details.

The file salsa20.c is based on D.J. Bernstein's public domain code and taken from Nettle. Copyright 2012 Simon Josefsson and Niels Møller.

This file is free software; as a special exception the author gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

This file is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, to the extent permitted by law; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

----- (separator) -----

--

== LICENSES

.

== Text of license (LGPLv2.1)

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the

reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a

program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.  
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a

storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the

---

operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

## Third-Party Notices

---

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR

REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `"copyright"` line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.  
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a `"copyright disclaimer"` for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library ``Frob'` (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990  
Ty Coon, President of Vice  
That's all there is to it!  
== Text of license (Apache 2.0)

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

== Text of license (LGPLv3)

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

#### 0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The ""Minimal Corresponding Source"" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The ""Corresponding Application Code"" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- 
- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
  - b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
  - c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
  - d) Do one of the following:
    - 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.
    - 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.
  - e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the

accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

== Text of license (GPLv2)

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "`Program`", below, refers to any such program or work, and a "`work based on the Program`" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "`modification`".) Each licensee is addressed as "`you`".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

## Third-Party Notices

---

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;
- or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

## Third-Party Notices

---

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License."

**Cameron Sparr,pro-bing,0.2.0,**

```
"54----- Top-Level License -----
-----
SPDX:MIT
```

```
----- Copyright -----
-----
Copyright 2016 Cameron Sparr and contributors.
Copyright 2022 The Prometheus Authors
```

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by

## Third-Party Notices

---

Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this

implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent

## Third-Party Notices

---

rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

595959"  
 Chart.js Contributors,Chart.js,4.2.0," == License  
 The MIT License (MIT)

Copyright (c) 2014-2022 Chart.js Contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices  
 Copyright (c) 2014-2022 Chart.js Contributors

----- (separator) -----

--  
 == NAME OF DEPENDENCY 1  
 @kurkle/color  
 == License  
 The MIT License (MIT)

Copyright (c) 2018-2021 Jukka Kurkela

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

Copyright (c) 2018-2021 Jukka Kurkela

"

**Dave Grijalva,golang-jwt,5.0.0,**

"60----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2012 Dave Grijalva

Copyright (c) 2021 golang-jwt maintainers

== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

606060~

"

**Dave Grijalva,golang-jwt,4.5.0,"**

```
----- Top-Level License -----  
-----  
SPDX:MIT  
  
----- Copyright -----  
-----  
Copyright (c) 2012 Dave Grijalva  
Copyright (c) 2021 golang-jwt maintainers  
== SPDX:MIT
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."  
Dave Perrett, jquery-il8n, 1.1.2, == License  
Copyright (c) 2010 Dave Perrett, <http://recursive-design.com/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

## Third-Party Notices

---

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

Copyright (c) 2010 Dave Perrett, <http://recursive-design.com/>

"

**David Leaver, Leaflet utfgrid, e124826,**

" ----- Top-level license -----  
-----

Copyright 2012 David Leaver

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright 2012 David Leaver

"

**Dean Karn, go-playground\_validator, 10.15.5,**

----- Top-Level License -----  
-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2015 Dean Karn

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- BSD-3-Clause--modified-by-Google

- MIT

----- (separator) -----  
-----

---

== Dependency  
github.com/gabriel-vasile/mimetype

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2018-2020 Gabriel Vasile  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-playground/locales

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Go Playground

----- (separator) -----  
-----

== Dependency  
github.com/go-playground/universal-translator

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Go Playground

----- (separator) -----  
-----

== Dependency  
github.com/leodido/go-urn

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Leonardo Di Donato

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/net

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

---

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 =====  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Dick Franks,Net::DNS,1.40,**  
 "TOP-LEVEL copyright for Net::DNS

Copyright (c)1997-2000 Michael Fuhr.

Portions Copyright (c)2002,2003 Chris Reinhardt.

Portions Copyright (c)2005 Olaf Kolkman (RIPE NCC)

Portions Copyright (c)2006 Olaf Kolkman (NLnet Labs)

Portions Copyright (c)2014 Dick Franks

All rights reserved.

## Third-Party Notices

---

TOP-LEVEL license for Net::DNS

---MIT Licensing---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---end of MIT Licensing---

FOURTH-PARTY DEPENDENCY #1 Carp  
== License Type  
Perl  
== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Exporter  
== License Type  
Perl  
== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker  
== License Type  
Perl  
== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 Encode  
== License Type  
Perl  
== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable  
== License Type  
Perl  
== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader  
== License Type  
Perl  
== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent  
== License Type  
Perl  
== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec  
== License Type  
Perl  
== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man  
== License Type  
Perl  
== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple  
== License Type  
Perl  
== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

---

```
== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #15 Text::Wrap
== License Type
Perl
== Copyright Notices
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013
Google, Inc. This module may be modified, used, copied, and redistributed
at your own risk. Although allowed by the preceding license, please do not
publicly redistribute modified versions of this code with the name
"\"Text::Wrap\"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----
FOURTH-PARTY DEPENDENCY #16 if
== License Type
Perl
== Copyright Notices
This software is copyright (c) 2002 by Ilya Zakharevich.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5
programming language system itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #17 Digest::HMAC

== License Type
Perl

== Copyright Notices
This software is copyright (c) 2021 by Andrew Rodland.

This is free software; you can redistribute it and/or modify it under
the same terms as the Perl 5 programming language system itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #18 Digest::MD5

== License Type
Perl

== Copyright Notices
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.
Copyright 1995-1996 Neil Winton.
Copyright 1991-1992 RSA Data Security, Inc.
The MD5 algorithm is defined in RFC 1321. This implementation is derived
from the reference C code in RFC 1321 which is covered by the following
copyright statement:
```

## Third-Party Notices

---

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Digest::SHA

== License Type  
Perl

== Copyright Notices

Copyright (C) 2003-2022 Mark Shelor

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Digest::base

== License Type  
Perl

== Copyright Notices

Copyright 1998-2006 Gisle Aas.

Copyright 1995,1996 Neil Winton.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 MIME::Base64

== License Type  
Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #22 IO::File

== License Type  
Perl

== Copyright Notice  
No copyright info from the source.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 File::Temp

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Carp-1.50-Carp::Heavy

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #25 File::Path

== License Type  
Perl

== Copyright Notice  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 IO::Handle

== License Type  
Perl

== Copyright Notice

## Third-Party Notices

---

No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 IO::Seekable

== License Type  
Perl

== Copyright Notice  
No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 IO::Select

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 IO::Socket

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 IO::Socket::IP

== License Type  
Perl

---

== Copyright Notice

This software is copyright (c) 2023 by Paul Evans  
<leonerdd@leonerdd.org.uk>.

This is free software; you can redistribute it and/or modify it under  
the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #32 Time::Local

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

The full text of the license can be found in the LICENSE file included  
with this distribution.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl

## Third-Party Notices

---

interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it

under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the

interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special

exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE

## Third-Party Notices

---

PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---"

**Dmitry Panov,goja\_nodejs,20221211-snapshot,**

" ----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2016 Dmitry Panov

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- BSD-2-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----

-----

== Dependency  
github.com/dlclark/regexp2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Doug Clark

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/dop251/goja

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 1998, 1999 by Lucent Technologies  
Copyright (c) 2012 Robert Krimen  
Copyright (c) 2016 Dmitry Panov  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2014, the V8 project authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-sourcemap/sourcemap

== License Type  
Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.

----- (separator) -----  
-----

---

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type

## Third-Party Notices

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----

-----

----- (separator) -----

-----

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above

copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"  
**Dmitry Panov,goja,20231027-snapshot,**  
 " ----- Top-Level License -----  
 -----  
 SPDX:MIT

## Third-Party Notices

---

----- Copyright -----  
-----

Copyright (C) 1998, 1999 by Lucent Technologies  
Copyright (c) 2012 Robert Krimen  
Copyright (c) 2016 Dmitry Panov  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2014, the V8 project authors. All rights reserved.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/dlclark/regexp2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Doug Clark

----- (separator) -----  
-----

== Dependency  
github.com/dop251/goja\_nodejs

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Dmitry Panov

----- (separator) -----  
-----

== Dependency  
github.com/go-sourcemap/sourcemap

== License Type  
Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.

----- (separator) -----  
-----

== Dependency

github.com/google/pprof

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (C) 2020 Free Software Foundation, Inc.",  
Copyright 2009-2017 Andrea Leofreddi <a.leofreddi@vleo.net>. All rights reserved.

Copyright 2014 Google Inc. All Rights Reserved.

Copyright 2016 Google Inc. All Rights Reserved.

Copyright 2017 Google Inc. All Rights Reserved.

Copyright 2018 Google Inc. All Rights Reserved.

Copyright 2022 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code

## Third-Party Notices

---

control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution,

then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages,

## Third-Party Notices

---

including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

```
Copyright [yyyy] [name of copyright owner]
```

```
Licensed under the Apache License, Version 2.0 (the ""License"");
```

```
you may not use this file except in compliance with the License.
```

```
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an ""AS IS"" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
```

```
See the License for the specific language governing permissions and  
limitations under the License.
```

```
----- (separator) -----  
-----
```

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

## Third-Party Notices

---

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**Dûiugas Eiva,go-nullable,0.2.1,"**

----- Top-Level License -----  
-----  
SPDX:MIT

----- Copyright -----  
-----  
Copyright (C) 2023 Dûiugas Eiva  
Copyright (c) 2023 Dûiugas Eiva  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"  
**Gabriel Vasile,go\_mimetype,1.4.3,"**

----- Top-Level License -----  
-----  
SPDX:MIT

----- Copyright -----  
-----  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2018-2020 Gabriel Vasile  
Copyright 2010 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----  
-----

```
----- Licenses -----  
-----  
- BSD-3-Clause--modified-by-Google  
- MIT
```

```
----- (separator) -----  
-----
```

```
== Dependency  
golang.org/x/net
```

```
== License Type  
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.
```

```
== Patents  
Additional IP Rights Grant (Patents)
```

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Google Inc.,chi,5.0.10,**

" ----- Top-Level License -----

-----

SPDX:MIT

== SPDX:MIT

Copyright (c) 2015-present Peter Kieltyka (<https://github.com/pkieltyka>), Google Inc.

MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**InfluxDB,influxdb#x2F;influxdb-php,1.15.2,**

" ----- Top-level license -----

-----

The MIT License (MIT)

Copyright (c) 2013 InfluxDB

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

guzzlehttp/promises

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2015 Michael Dowling <mtdowling@gmail.com>  
Copyright (c) 2015 Graham Campbell <hello@gjccampbell.co.uk>  
Copyright (c) 2017 Tobias Schultze <webmaster@tubo-world.de>  
Copyright (c) 2020 Tobias Nyholm <tobias.nyholm@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

ralouphie/getallheaders

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2014 Ralph Khattar

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

psr/http-message

== License Type

MIT

== Copyright Notices

Copyright (c) 2014 PHP Framework Interoperability Group

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

psr/http-factory

== License Type

MIT

== Copyright Notices

MIT License

Copyright (c) 2018 PHP-FIG

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE.

----- (separator) -----  
--

== NAME OF DEPENDENCY 2  
guzzlehttp/psr7  
== License Type  
MIT  
== Copyright Notices  
The MIT License (MIT)

Copyright (c) 2015 Michael Dowling <mtdowling@gmail.com>  
Copyright (c) 2015 Mark Sagikazar <mark.sagikazar@gmail.com>  
Copyright (c) 2015 Graham Campbell <hello@gjcampbell.co.uk>  
Copyright (c) 2016 Tobias Schultze <webmaster@tubo-world.de>  
Copyright (c) 2016 George Mponos <gmponos@gmail.com>  
Copyright (c) 2018 Tobias Nyholm <tobias.nyholm@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE SOFTWARE.

----- (separator) -----  
--

== NAME OF DEPENDENCY 2  
symfony/deprecation-contracts  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2020-2022 Fabien Potencier

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal

## Third-Party Notices

---

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished

to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

psr/http-client

== License Type

MIT

== Copyright Notices

Copyright (c) 2017 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

```
guzzlehttp/guzzle
== License Type
MIT
== Copyright Notices
The MIT License (MIT)
```

```
Copyright (c) 2011 Michael Dowling <mtdowling@gmail.com>
Copyright (c) 2012 Jeremy Lindblom <jeremeamia@gmail.com>
Copyright (c) 2014 Graham Campbell <hello@gjcampbell.co.uk>
Copyright (c) 2015 Mark Sagi-Kazar <mark.sagikazar@gmail.com>
Copyright (c) 2015 Tobias Schultze <webmaster@tubo-world.de>
Copyright (c) 2016 Tobias Nyholm <tobias.nyholm@gmail.com>
Copyright (c) 2016 George Mponos <gmponos@gmail.com>
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**InfluxDB, Telegraf, 1.27.4,**

" ----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

```
Copyright (C) 2002-16, Bruce Allen, Christian Franke,
www.smartmontools.org
Copyright (C) 2002-16, Bruce Allen, Christian Franke,
www.smartmontools.org
Copyright (C) 2002-17, Bruce Allen, Christian Franke,
www.smartmontools.org
Copyright (C) 2002-22, Bruce Allen, Christian Franke,
www.smartmontools.org
Copyright (c) 2010 The win Authors. All rights reserved.
Copyright (c) 2013-2021 Jack Christensen
Copyright (c) 2015 Jeff Nickoloff (jeff@allingeek.com)
```

## Third-Party Notices

---

Copyright (c) 2015-2020 InfluxData Inc.  
Copyright (c) 2016 Mendelson Gussman, O  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2018 The Prometheus Authors

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- BSL-1.0
- EPL-2.0
- ISC
- LGPL-3.0
- LicenseRef-C-Ares
- MIT
- MPL-2.0
- NCSA
- OpenSSL
- Unlicense
- Zlib

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2019 Google LLC.  
Copyright 2020 Google LLC  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/bigquery

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/compute/metadata

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/iam

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/monitoring

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright

Copyright 2018 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency

cloud.google.com/go/pubsub

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency

cloud.google.com/go/storage

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency

code.cloudfoundry.org/clock

== License Type

SPDX:Apache-2.0

## == Copyright

Copyright (c) 2015 Pivotal Software, Inc.  
 Copyright (c) 2015-Present CloudFoundry.org Foundation, Inc. All Rights Reserved.

## == Notices

Copyright (c) 2015-Present CloudFoundry.org Foundation, Inc. All Rights Reserved.

This project contains software that is Copyright (c) 2015 Pivotal Software, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
 you may not use this file except in compliance with the License.  
 You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

This project may include a number of subcomponents with separate copyright notices and license terms. Your use of these subcomponents is subject to the terms and conditions of each subcomponent's license, as noted in the LICENSE file.

----- (separator) -----  
 -----

## == Dependency

collectd.org

## == License Type

ISC License

Copyright (c) 2014 Kimo Rosenbaum  
 Copyright (c) 2015-2016 Florian Forster

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

## Third-Party Notices

---

== Copyright  
Copyright (c) 2014 Kimo Rosenbaum  
Copyright (c) 2015-2016 Florian Forster

----- (separator) -----  
-----

== Dependency  
dario.cat/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/99designs/keyring

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 99designs

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-amqp-common-go/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-event-hubs-go/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation. All rights reserved.

---

Copyright 2017 Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-kusto-go

== License Type  
SPDX:MIT

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2020 Microsoft Corporation  
Copyright 2020 Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-pipeline-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2017 Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-sdk-for-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved.

== Notices  
NOTICES AND INFORMATION  
Do Not Translate or Localize

This software incorporates material from third parties. Microsoft makes certain open source code available at <https://3rdpartysource.microsoft.com>, or you may send a check or money order for US \$5.00, including the product name, the open source component name, and version number, to:

## Third-Party Notices

---

Source Code Compliance Team  
Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052  
USA

Notwithstanding any other terms, you may reverse engineer this software to the extent required to debug changes to any libraries licensed under the GNU Lesser General Public License.

-----  
----

Azure SDK for Go uses third-party libraries or other resources that may be distributed under licenses different than the Azure SDK for Go software.

In the event that we accidentally failed to list a required notice, please bring it to our attention. Post an issue or email us:

[azgosdkhelp@microsoft.com](mailto:azgosdkhelp@microsoft.com)

The attached notices are provided for information only.

----- (separator) -----  
-----

== Dependency  
[github.com/Azure/azure-sdk-for-go/sdk/azcore](https://github.com/Azure/azure-sdk-for-go/sdk/azcore)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2017 Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/Azure/azure-sdk-for-go/sdk/azidentity](https://github.com/Azure/azure-sdk-for-go/sdk/azidentity)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

---

== Dependency  
github.com/Azure/azure-sdk-for-go/sdk/internal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2017 Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-sdk-for-go/sdk/resource manager/monitor/armmonitor

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-sdk-for-  
go/sdk/resource manager/resources/armresources

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-sdk-for-go/sdk/storage/azblob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-storage-queue-go

== License Type

## Third-Party Notices

---

SPDX:MIT

== Copyright

Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2018 Microsoft Corporation. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-amqp

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2017 Kale Blankenship  
Copyright (C) Microsoft Corporation  
Copyright (c) Microsoft Corporation

== Notices

NOTICES AND INFORMATION

Do Not Translate or Localize

This software incorporates material from third parties. Microsoft makes certain open source code available at <https://3rdpartysource.microsoft.com>, or you may send a check or money order for US \$5.00, including the product name, the open source component name, and version number, to:

Source Code Compliance Team  
Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052  
USA

Notwithstanding any other terms, you may reverse engineer this software to the extent required to debug changes to any libraries licensed under the GNU Lesser General Public License.

-----  
-----

go-amqp uses third-party libraries or other resources that may be distributed under licenses different than the go-amqp software.

In the event that we accidentally failed to list a required notice, please bring it to our attention. Post an issue or email us:

azgosdkhelp@microsoft.com

The attached notices are provided for information only.

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/adal

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/azure/auth

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/azure/cli

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/Azure/go-azure-rest/azure-rest/date

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-azure-rest/azure-rest/to

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-azure-rest/azure-rest/validation

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-azure-rest/logger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-azure-rest/tracing

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
Copyright 2018 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-ntlmssp

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Microsoft

----- (separator) -----  
-----

== Dependency  
github.com/AzureAD/microsoft-authentication-library-for-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved. Licensed under  
the MIT License (the ""License"").

----- (separator) -----  
-----

== Dependency  
github.com/BurntSushi/toml

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 TOML authors  
Copyright (c) 2018 TOML authors  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/ClickHouse/clickhouse-go

== License Type  
SPDX:MIT

## Third-Party Notices

---

== Copyright

Copyright (c) 2017-2020 Kirill Shvakov

Copyright 2011-2012 Branimir Karadzic. All rights reserved.

Copyright 2013 Damian Gryski. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/JohnCGriffin/overflow

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 John C. Griffin,

----- (separator) -----  
-----

== Dependency

github.com/Masterminds/goutils

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Alexander Okoli

----- (separator) -----  
-----

== Dependency

github.com/Masterminds/semver

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2014-2019, Matt Butcher and Matt Farina

----- (separator) -----  
-----

== Dependency

github.com/Masterminds/sprig

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013 Masterminds

----- (separator) -----  
-----

---

== Dependency  
github.com/Mellanox/rdmamap

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/Shopify/sarama

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Shopify

----- (separator) -----  
-----

== Dependency  
github.com/aerospike/aerospike-client-go/v5

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Damien Miller <djm@mindrot.org>.  
Copyright (c) 2011 James Keane <james.keane@gmail.com>. All rights reserved.  
Copyright (c) 2011 ZooWar.com, All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013-2020 Aerospike, Inc.  
Copyright 2014-2019 Aerospike, Inbc.  
Copyright 2014-2019 Aerospike, Inc.  
Copyright 2014-2020 Aerospike, Inc.  
Copyright 2014-2021 Aerospike, Inc.  
Copyright 2017-2019 Aerospike, Inc.  
Copyright 2017-2021 Aerospike, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/alecthomas/participle

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2017 Alec Thomas

## Third-Party Notices

---

Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/alecthomas/units

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014 Alec Thomas

----- (separator) -----  
-----

== Dependency  
github.com/aliyun/alibaba-cloud-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009-present, Alibaba Cloud All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/amir/raidman

== License Type  
SPDX:Unlicense

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/andybalholm/brotli

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.  
Copyright 2010 Google Inc. All Rights Reserved.  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 Google Inc. All Rights Reserved.  
Copyright 2015 Google Inc. All Rights Reserved.  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google Inc. All Rights Reserved.

---

Copyright 2018 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/antchfx/jsonquery

== License Type  
SPDX:MIT

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/antchfx/xmlquery

== License Type  
SPDX:MIT

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/antchfx/xpath

== License Type  
SPDX:MIT

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/antlr/antlr4/runtime/Go/antlr/v4

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2012-2022 The ANTLR Project. All rights reserved.  
Copyright 2021 The ANTLR Project

----- (separator) -----  
-----

== Dependency  
github.com/apache/arrow/go/v12

== License Type

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

## Third-Party Notices

---

-----  
-----  
src/arrow/util (some portions): Apache 2.0, and 3-clause BSD

Some portions of this module are derived from code in the Chromium project, copyright (c) Google inc and (c) The Chromium Authors and licensed under the Apache 2.0 License or the under the 3-clause BSD license:

Copyright (c) 2013 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project includes code from Daniel Lemire's FrameOfReference project.

<https://github.com/lemire/FrameOfReference/blob/6ccaf9e97160f9a3b299e23a8ef739e711ef0c71/src/bpacking.cpp>

Copyright: 2013 Daniel Lemire  
Home page: <http://lemire.me/en/>  
Project page: <https://github.com/lemire/FrameOfReference>  
License: Apache License Version 2.0  
<http://www.apache.org/licenses/LICENSE-2.0>

This project includes code from the TensorFlow project

Copyright 2015 The TensorFlow Authors. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
This project includes code from the NumPy project.

<https://github.com/numpy/numpy/blob/elf191c46f2eebd6cb892a4bfe14d9dd43a06c4e/numpy/core/src/multiarray/multiarraymodule.c#L2910>

<https://github.com/numpy/numpy/blob/68fd82271b9ea5a9e50d4e761061dfcca851382a/numpy/core/src/multiarray/datetime.c>

Copyright (c) 2005-2017, NumPy Developers.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following  
disclaimer in the documentation and/or other materials provided  
with the distribution.
- \* Neither the name of the NumPy Developers nor the names of any  
contributors may be used to endorse or promote products derived  
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

## Third-Party Notices

---

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project includes code from the Boost project

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization

obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
This project includes code from the FlatBuffers project

Copyright 2014 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
This project includes code from the tslib project

Copyright 2015 Microsoft Corporation. All rights reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----

This project includes code from the jemalloc project

<https://github.com/jemalloc/jemalloc>

Copyright (C) 2002-2017 Jason Evans <jasone@canonware.com>.

All rights reserved.

Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.

Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

1. Redistributions of source code must retain the above copyright  
notice(s),  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice(s),  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER(S) ``AS IS'' AND ANY  
EXPRESS  
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED  
WARRANTIES OF  
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN  
NO  
EVENT SHALL THE COPYRIGHT HOLDER(S) BE LIABLE FOR ANY DIRECT, INDIRECT,  
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT  
NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR  
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

## Third-Party Notices

---

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

This project includes code from the Go project, BSD 3-clause license + PATENTS weak patent termination clause (<https://github.com/golang/go/blob/master/PATENTS>).

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

This project includes code from the hs2client

<https://github.com/cloudera/hs2client>

Copyright 2016 Cloudera Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
The script ci/scripts/util\_wait\_for\_it.sh has the following license

Copyright (c) 2016 Giles Hall

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies  
of the Software, and to permit persons to whom the Software is furnished  
to do  
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE.

-----  
-----  
The script r/configure has the following license (MIT)

Copyright (c) 2017, Jeroen Ooms and Jim Hester

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies

## Third-Party Notices

---

of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
cpp/src/arrow/util/logging.cc, cpp/src/arrow/util/logging.h and  
cpp/src/arrow/util/logging-test.cc are adapted from  
Ray Project (<https://github.com/ray-project/ray>) (Apache 2.0).

Copyright (c) 2016 Ray Project (<https://github.com/ray-project/ray>)

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
The files cpp/src/arrow/vendored/datetime/date.h,  
cpp/src/arrow/vendored/datetime/tz.h,  
cpp/src/arrow/vendored/datetime/tz\_private.h,  
cpp/src/arrow/vendored/datetime/ios.h,  
cpp/src/arrow/vendored/datetime/ios.mm,  
cpp/src/arrow/vendored/datetime/tz.cpp are adapted from  
Howard Hinnant's date library (<https://github.com/HowardHinnant/date>)  
It is licensed under MIT license.

The MIT License (MIT)  
Copyright (c) 2015, 2016, 2017 Howard Hinnant  
Copyright (c) 2016 Adrian Colomitchi  
Copyright (c) 2017 Florian Dang

Copyright (c) 2017 Paul Thompson  
Copyright (c) 2018 Tomasz Kaminski

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/util/utf8.h` includes code adapted from the page <https://bjoern.hoehrmann.de/utf-8/decoder/dfa/> with the following license (MIT)

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/string_view.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The files in `cpp/src/arrow/vendored/xxhash/` have the following license (BSD 2-Clause License)

xxHash Library  
Copyright (c) 2012-2014, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this

list of conditions and the following disclaimer in the documentation and/or

other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

You can contact the author at :

- xxHash homepage: <http://www.xxhash.com>

- xxHash source repository : <https://github.com/Cyan4973/xxHash>

-----  
-----  
The files in `cpp/src/arrow/vendored/double-conversion/` have the following license

(BSD 3-Clause License)

Copyright 2006-2011, the V8 project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

## Third-Party Notices

---

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

The files in `cpp/src/arrow/vendored/uriparser/` have the following license (BSD 3-Clause License)

uriparser - RFC 3986 URI parsing library

Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

The files under dev/tasks/conda-recipes have the following license

BSD 3-clause license  
 Copyright (c) 2015-2018, conda-forge  
 All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification,  
 are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
 this  
     list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
 notice,  
     this list of conditions and the following disclaimer in the  
 documentation  
     and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its  
 contributors  
     may be used to endorse or promote products derived from this software  
 without  
     specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
 IS"" AND  
 ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
 IMPLIED  
 WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
 LIABLE  
 FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
 CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
 LIABILITY, OR  
 TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
 OF  
 THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 -----

The files in cpp/src/arrow/vendored/utf8cpp/ have the following license

Copyright 2006 Nemanja Trifunovic

Permission is hereby granted, free of charge, to any person or  
 organization  
 obtaining a copy of the software and accompanying documentation covered by  
 this license (the ""Software"") to use, reproduce, display, distribute,  
 execute, and transmit the Software, and to prepare derivative works of the  
 Software, and to permit third-parties to whom the Software is furnished to

## Third-Party Notices

---

do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
  
This project includes code from Apache Kudu.

\* `cpp/cmake_modules/CompilerInfo.cmake` is based on Kudu's `cmake_modules/CompilerInfo.cmake`

Copyright: 2016 The Apache Software Foundation.  
Home page: <https://kudu.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
  
This project includes code from Apache Impala (incubating), formerly Impala. The Impala code and rights were donated to the ASF as part of the Incubator process after the initial code imports into Apache Parquet.

Copyright: 2012 Cloudera, Inc.  
Copyright: 2016 The Apache Software Foundation.  
Home page: <http://impala.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
  
This project includes code from Apache Aurora.

\* `dev/release/{release,changelog,release-candidate}` are based on the scripts from Apache Aurora

Copyright: 2016 The Apache Software Foundation.  
Home page: <https://aurora.apache.org/>

---

License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from the Google styleguide.

\* `cpp/build-support/cpplint.py` is based on the scripts from the Google styleguide.

Copyright: 2009 Google Inc. All rights reserved.  
Homepage: <https://github.com/google/styleguide>  
License: 3-clause BSD

-----  
-----  
This project includes code from Snappy.

\* `cpp/cmake_modules/{SnappyCMakeLists.txt,SnappyConfig.h}` are based on code from Google's Snappy project.

Copyright: 2009 Google Inc. All rights reserved.  
Homepage: <https://github.com/google/snappy>  
License: 3-clause BSD

-----  
-----  
This project includes code from the manylinux project.

\* `python/manylinux1/scripts/{build_python.sh,python-tag-abi-tag.py,requirements.txt}` are based on code from the manylinux project.

Copyright: 2016 manylinux  
Homepage: <https://github.com/pypa/manylinux>  
License: The MIT License (MIT)

-----  
-----  
This project includes code from the cymove project:

\* `python/pyarrow/includes/common.pxd` includes code from the cymove project

The MIT License (MIT)  
Copyright (c) 2019 Omer Ozarslan

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

## Third-Party Notices

---

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The projects includes code from the Ursabot project under the dev/archery directory.

License: BSD 2-Clause

Copyright 2019 RStudio, Inc.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project include code from CMake.

\* `cpp/cmake_modules/FindGTest.cmake` is based on code from CMake.

Copyright: Copyright 2000-2019 Kitware, Inc. and Contributors  
Homepage: <https://gitlab.kitware.com/cmake/cmake>  
License: 3-clause BSD

-----  
-----

This project include code from mingw-w64.

\* `cpp/src/arrow/util/cpu-info.cc` has a polyfill for `mingw-w64 < 5`

Copyright (c) 2009 - 2013 by the mingw-w64 project  
Homepage: <https://mingw-w64.org>  
License: Zope Public License (ZPL) Version 2.1.

-----  
-----

This project include code from Google's Asylo project.

\* `cpp/src/arrow/result.h` is based on `status_or.h`

Copyright (c) Copyright 2017 Asylo authors  
Homepage: <https://asylo.dev/>  
License: Apache 2.0

-----  
-----

This project includes code from Google's protobuf project

\* `cpp/src/arrow/result.h` `ARROW_ASSIGN_OR_RAISE` is based off  
`ASSIGN_OR_RETURN`

Copyright 2008 Google Inc. All rights reserved.  
Homepage: <https://developers.google.com/protocol-buffers/>  
License:

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.

## Third-Party Notices

---

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

-----  
-----  
3rdparty dependency LLVM is statically linked in certain binary distributions. Additionally some sections of source code have been derived from sources in LLVM and have been clearly labeled as such. LLVM has the following license:

```
=====
====
LLVM Release License
=====
====
University of Illinois/NCSA
Open Source License
```

Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
All rights reserved.

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

<http://llvm.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to

use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.
- \* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

=====  
=====

Copyrights and Licenses for Third Party Software Distributed with LLVM:

=====  
=====

The LLVM software contains code written by third parties. Such software will have its own individual LICENSE.TXT file in the directory in which it appears. This file will describe the copyrights, license, and restrictions which apply to that code.

The disclaimer of warranty in the University of Illinois Open Source License applies to all code in the LLVM Distribution, and nothing in any of the other licenses gives permission to use the names of the LLVM Team or the University of Illinois to endorse or promote products derived from this Software.

The following pieces of software have additional or alternate copyrights, licenses, and/or restrictions:

## Third-Party Notices

---

Program	Directory
Google Test	llvm/utils/unittest/googletest
OpenBSD regex	llvm/lib/Support/{reg*, COPYRIGHT.regex}
pyyaml tests	llvm/test/YAMLParse/{*.data, LICENSE.TXT}
ARM contributions	llvm/lib/Target/ARM/LICENSE.TXT
md5 contributions	llvm/lib/Support/MD5.cpp
llvm/include/llvm/Support/MD5.h	

-----  
-----  
3rdparty dependency gRPC is statically linked in certain binary distributions, like the python wheels. gRPC has the following license:

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
3rdparty dependency Apache Thrift is statically linked in certain binary distributions, like the python wheels. Apache Thrift has the following license:

Apache Thrift  
Copyright (C) 2006 - 2019, The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
3rdparty dependency Apache ORC is statically linked in certain binary distributions, like the python wheels. Apache ORC has the following license:

Apache ORC  
Copyright 2013-2019 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (<http://www.apache.org/>).

This product includes software developed by Hewlett-Packard:  
(c) Copyright [2014-2015] Hewlett-Packard Development Company, L.P

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
3rdparty dependency zstd is statically linked in certain binary distributions, like the python wheels. ZSTD has the following license:

BSD License

For Zstandard software

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name Facebook nor the names of its contributors may be used to

## Third-Party Notices

---

endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency lz4 is statically linked in certain binary distributions, like the python wheels. lz4 has the following license:

LZ4 Library  
Copyright (c) 2011-2016, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this

list of conditions and the following disclaimer in the documentation and/or

other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

3rdparty dependency Brotli is statically linked in certain binary distributions, like the python wheels. Brotli has the following license:

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

3rdparty dependency snappy is statically linked in certain binary distributions, like the python wheels. snappy has the following license:

Copyright 2011, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.

## Third-Party Notices

---

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be

used to endorse or promote products derived from this software without

specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===

Some of the benchmark data in testdata/ is licensed differently:

- fireworks.jpeg is Copyright 2013 Steinar H. Gunderson, and is licensed under the Creative Commons Attribution 3.0 license (CC-BY-3.0). See <https://creativecommons.org/licenses/by/3.0/> for more information.
- kppkn.gtb is taken from the Gaviota chess tablebase set, and is licensed under the MIT License. See <https://sites.google.com/site/gaviotachessengine/Home/endgame-tablebases-1> for more information.
- paper-100k.pdf is an excerpt (bytes 92160 to 194560) from the paper *iCombinatorial Modeling of Chromatin Features Quantitatively Predicts DNA Replication Timing in *Drosophila** by Federico Comoglio and Renato Paro, which is licensed under the CC-BY license. See <http://www.ploscompbiol.org/static/license> for more information.
- alice29.txt, asyoulik.txt, plrabn12.txt and lcet10.txt are from Project Gutenberg. The first three have expired copyrights and are in the public domain; the latter does not have expired copyright, but is still in the public domain according to the license information (<http://www.gutenberg.org/ebooks/53>).

-----  
-----

3rdparty dependency gflags is statically linked in certain binary distributions, like the python wheels. gflags has the following license:

Copyright (c) 2006, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency glog is statically linked in certain binary distributions, like the python wheels. glog has the following license:

Copyright (c) 2008, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

## Third-Party Notices

---

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

A function `gettimeofday` in `utilities.cc` is based on

<http://www.google.com/codesearch/p?hl=en#dR3YEbitojA/COPYING&q=GetSystemTimeAsFileTime%20license:bsd>

The license of this code is:

Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name(s) of the above-listed copyright holder(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

3rdparty dependency `re2` is statically linked in certain binary distributions, like the python wheels. `re2` has the following license:

Copyright (c) 2009 The RE2 Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency c-ares is statically linked in certain binary distributions, like the python wheels. c-ares has the following license:

# c-ares license

Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS file.

Copyright 1998 by the Massachusetts Institute of Technology.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

## Third-Party Notices

---

3rdparty dependency zlib is redistributed as a dynamically linked shared library in certain binary distributions, like the python wheels. In the future this will likely change to static linkage. zlib has the following license:

```
zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017
```

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly  
jloup@gzip.org

Mark Adler  
madler@alumni.caltech.edu

-----  
-----

3rdparty dependency openssl is redistributed as a dynamically linked shared library in certain binary distributions, like the python wheels. openssl preceding version 3 has the following license:

LICENSE ISSUES  
=====

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts.

OpenSSL License  
-----

```
/* =====  
* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
*  
* Redistribution and use in source and binary forms, with or without
```

```

* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
*   ""This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit. (http://www.openssl.org/) ""
*
* 4. The names ""OpenSSL Toolkit"" and ""OpenSSL Project"" must not be
used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called ""OpenSSL""
* nor may ""OpenSSL"" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
*   ""This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit (http://www.openssl.org/) ""
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com).  This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

```

Original SSLeay License

-----

```

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.

```

## Third-Party Notices

---

```
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
* must display the following acknowledgement:
* ""This product includes cryptographic software written by
* Eric Young (eay@cryptsoft.com)""
* The word 'cryptographic' can be left out if the rouines from the
library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
* the apps directory (application code) you must include an
acknowledgement:
* ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
```

```

* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed.  i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/

```

-----  
-----

This project includes code from the rtools-backports project.

\* ci/scripts/PKGBUILD and ci/scripts/r\_windows\_build.sh are based on code from the rtools-backports project.

Copyright: Copyright (c) 2013 - 2019, ~~0000000~~ and Jeroen Ooms.  
All rights reserved.  
Homepage: <https://github.com/r-windows/rtools-backports>  
License: 3-clause BSD

-----  
-----

Some code from pandas has been adapted for the pyarrow codebase. pandas is available under the 3-clause BSD license, which follows:

pandas license  
=====

Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
All rights reserved.

Copyright (c) 2008-2011 AQR Capital Management, LLC  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS

## Third-Party Notices

---

""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

Some bits from DyND, in particular aspects of the build system, have been adapted from libdynd and dynd-python under the terms of the BSD 2-clause license

### The BSD 2-Clause License

Copyright (C) 2011-12, Dynamic NDArray Developers  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Dynamic NDArray Developers list:

- \* Mark Wiebe
  - \* Continuum Analytics
- -----

---

Some source code from Ibis (<https://github.com/cloudera/ibis>) has been adapted for PyArrow. Ibis is released under the Apache License, Version 2.0.

-----  
-----  
This project includes code from the autobrew project.

\* `r/tools/autobrew` and `dev/tasks/homebrew-formulae/autobrew/apache-arrow.rb` are based on code from the autobrew project.

Copyright (c) 2019, Jeroen Ooms  
License: MIT  
Homepage: <https://github.com/jeroen/autobrew>

-----  
-----  
dev/tasks/homebrew-formulae/apache-arrow.rb has the following license:

BSD 2-Clause License

Copyright (c) 2009-present, Homebrew contributors  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
cpp/src/arrow/vendored/base64.cpp has the following license

ZLIB License

Copyright (C) 2004-2017 René Nyffenegger

This source code is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original source code.
3. This notice may not be removed or altered from any source distribution.

René Nyffenegger [rene.nyffenegger@adp-gmbh.ch](mailto:rene.nyffenegger@adp-gmbh.ch)

-----  
-----

The file `cpp/src/arrow/vendored/optional.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/musl/strptime.c` has the following license

Copyright © 2005-2020 Rich Felker, et al.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
 Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler  
 Copyright (C) 2002-2017 Jason Evans <jasone@canonware.com>.  
 Copyright (C) 2004-2017 RenÉ Nyffenegger  
 Copyright (C) 2006 - 2019, The Apache Software Foundation  
 Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
 Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
 Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.  
 Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.  
 Copyright (C) 2011-12, Dynamic NDArray Developers  
 Copyright (c) Copyright 2017 Asylo authors  
 Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
 Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
 Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
 Copyright (c) 2005-2017, NumPy Developers.  
 Copyright (c) 2006, Google Inc.

## Third-Party Notices

---

Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS  
Copyright (c) 2008, Google Inc.  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2008-2011 AQR Capital Management, LLC  
Copyright (c) 2009 - 2013 by the mingw-w64 project  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2009 The RE2 Authors. All rights reserved.  
Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.  
Copyright (c) 2009-present, Homebrew contributors  
Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
Copyright (c) 2011-2016, Yann Collet  
Copyright (c) 2012-2014, Yann Collet  
Copyright (c) 2013 - 2019, øøøøøø and Jeroen Ooms.  
Copyright (c) 2013 The Chromium Authors. All rights reserved.  
Copyright (c) 2015, 2016, 2017 Howard Hinnant  
Copyright (c) 2015-2018, conda-forge  
Copyright (c) 2016 Adrian Colomitchi  
Copyright (c) 2016 Giles Hall  
Copyright (c) 2016 Ray Project (<https://github.com/ray-project/ray>)  
Copyright (c) 2016-present, Facebook, Inc. All rights reserved.  
Copyright (c) 2017 Florian Dang  
Copyright (c) 2017 Paul Thompson  
Copyright (c) 2017, Jeroen Ooms and Jim Hester  
Copyright (c) 2018 Tomasz Kaminski  
Copyright (c) 2019 Omer Ozarslan  
Copyright (c) 2019, Jeroen Ooms  
Copyright 1998 by the Massachusetts Institute of Technology.  
Copyright 2000-2019 Kitware, Inc. and Contributors  
Copyright 2006 Nemanja Trifunovic  
Copyright 2006-2011, the V8 project authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2011, Google Inc.  
Copyright 2013 Steinar H. Gunderson, and  
Copyright 2013-2019 The Apache Software Foundation  
Copyright 2014 Google Inc.  
Copyright 2014 gRPC authors.  
Copyright 2015 Microsoft Corporation. All rights reserved.  
Copyright 2015 The TensorFlow Authors. All Rights Reserved.  
Copyright 2016 Cloudera Inc.  
Copyright 2019 RStudio, Inc.  
Copyright © 2005-2020 Rich Felker, et al.  
copyright (c) Google inc and (c) The Chromium Authors and licensed under the

----- (separator) -----  
-----

== Dependency  
[github.com/apache/arrow-go/v13](https://github.com/apache/arrow-go/v13)

== License Type

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
-----

src/arrow/util (some portions): Apache 2.0, and 3-clause BSD

Some portions of this module are derived from code in the Chromium project,  
 copyright (c) Google inc and (c) The Chromium Authors and licensed under the  
 Apache 2.0 License or the under the 3-clause BSD license:

Copyright (c) 2013 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
 ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
 LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
 A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
 OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
 SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
 LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
 DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
 THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 -----

This project includes code from Daniel Lemire's FrameOfReference project.

<https://github.com/lemire/FrameOfReference/blob/6ccaf9e97160f9a3b299e23a8ef739e711ef0c71/src/bpacking.cpp>

Copyright: 2013 Daniel Lemire  
 Home page: <http://lemire.me/en/>  
 Project page: <https://github.com/lemire/FrameOfReference>  
 License: Apache License Version 2.0  
<http://www.apache.org/licenses/LICENSE-2.0>

-----  
 -----

This project includes code from the TensorFlow project

Copyright 2015 The TensorFlow Authors. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the ""License"");

## Third-Party Notices

---

you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
  
This project includes code from the NumPy project.

<https://github.com/numpy/numpy/blob/elf191c46f2eebd6cb892a4bfe14d9dd43a06c4e/numpy/core/src/multiarray/multiarraymodule.c#L2910>

<https://github.com/numpy/numpy/blob/68fd82271b9ea5a9e50d4e761061dfcca851382a/numpy/core/src/multiarray/datetime.c>

Copyright (c) 2005-2017, NumPy Developers.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the NumPy Developers nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

This project includes code from the Boost project

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

This project includes code from the FlatBuffers project

Copyright 2014 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

This project includes code from the tslib project

Copyright 2015 Microsoft Corporation. All rights reserved.

## Third-Party Notices

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
  
This project includes code from the jemalloc project

<https://github.com/jemalloc/jemalloc>

Copyright (C) 2002-2017 Jason Evans <jasone@canonical.com>.

All rights reserved.

Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.

Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

1. Redistributions of source code must retain the above copyright  
notice(s),  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice(s),  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER(S) ``AS IS'' AND ANY  
EXPRESS  
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED  
WARRANTIES OF  
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN  
NO  
EVENT SHALL THE COPYRIGHT HOLDER(S) BE LIABLE FOR ANY DIRECT, INDIRECT,  
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT  
NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR  
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE  
OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF  
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This project includes code from the Go project, BSD 3-clause license + PATENTS weak patent termination clause (<https://github.com/golang/go/blob/master/PATENTS>).

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project includes code from the hs2client

<https://github.com/cloudera/hs2client>

Copyright 2016 Cloudera Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

## Third-Party Notices

---

The script `ci/scripts/util_wait_for_it.sh` has the following license

Copyright (c) 2016 Giles Hall

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

The script `r/configure` has the following license (MIT)

Copyright (c) 2017, Jeroen Ooms and Jim Hester

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
cpp/src/arrow/util/logging.cc, cpp/src/arrow/util/logging.h and  
cpp/src/arrow/util/logging-test.cc are adapted from  
Ray Project (<https://github.com/ray-project/ray>) (Apache 2.0).

Copyright (c) 2016 Ray Project (<https://github.com/ray-project/ray>)

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
The files cpp/src/arrow/vendored/datetime/date.h,  
cpp/src/arrow/vendored/datetime/tz.h,  
cpp/src/arrow/vendored/datetime/tz\_private.h,  
cpp/src/arrow/vendored/datetime/ios.h,  
cpp/src/arrow/vendored/datetime/ios.mm,  
cpp/src/arrow/vendored/datetime/tz.cpp are adapted from  
Howard Hinnant's date library (<https://github.com/HowardHinnant/date>)  
It is licensed under MIT license.

The MIT License (MIT)  
Copyright (c) 2015, 2016, 2017 Howard Hinnant  
Copyright (c) 2016 Adrian Colomitchi  
Copyright (c) 2017 Florian Dang  
Copyright (c) 2017 Paul Thompson  
Copyright (c) 2018 Tomasz Kaminski

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal

## Third-Party Notices

---

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/util/utf8.h` includes code adapted from the page <https://bjoern.hoehrmann.de/utf-8/decoder/dfa/> with the following license (MIT)

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/string_view.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The files in `cpp/src/arrow/vendored/xxhash/` have the following license (BSD 2-Clause License)

xxHash Library  
Copyright (c) 2012-2014, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this

## Third-Party Notices

---

list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

You can contact the author at :

- xxHash homepage: <http://www.xxhash.com>
- xxHash source repository : <https://github.com/Cyan4973/xxHash>

-----  
-----  
The files in `cpp/src/arrow/vendored/double-conversion/` have the following license  
(BSD 3-Clause License)

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
The files in `cpp/src/arrow/vendored/uriparser/` have the following license (BSD 3-Clause License)

uriparser - RFC 3986 URI parsing library

Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
The files under `dev/tasks/conda-recipes` have the following license

BSD 3-clause license  
Copyright (c) 2015-2018, conda-forge  
All rights reserved.

## Third-Party Notices

---

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
The files in `cpp/src/arrow/vendored/utf8cpp/` have the following license

Copyright 2006 Nemanja Trifunovic

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative

works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
This project includes code from Apache Kudu.

\* `cpp/cmake_modules/CompilerInfo.cmake` is based on Kudu's `cmake_modules/CompilerInfo.cmake`

Copyright: 2016 The Apache Software Foundation.  
Home page: <https://kudu.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from Apache Impala (incubating), formerly Impala. The Impala code and rights were donated to the ASF as part of the Incubator process after the initial code imports into Apache Parquet.

Copyright: 2012 Cloudera, Inc.  
Copyright: 2016 The Apache Software Foundation.  
Home page: <http://impala.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from Apache Aurora.

\* `dev/release/{release,changelog,release-candidate}` are based on the scripts from Apache Aurora

Copyright: 2016 The Apache Software Foundation.  
Home page: <https://aurora.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from the Google styleguide.

## Third-Party Notices

---

\* `cpp/build-support/cpplint.py` is based on the scripts from the Google styleguide.

Copyright: 2009 Google Inc. All rights reserved.  
Homepage: <https://github.com/google/styleguide>  
License: 3-clause BSD

-----  
-----  
This project includes code from Snappy.

\* `cpp/cmake_modules/{SnappyCMakeLists.txt,SnappyConfig.h}` are based on code from Google's Snappy project.

Copyright: 2009 Google Inc. All rights reserved.  
Homepage: <https://github.com/google/snappy>  
License: 3-clause BSD

-----  
-----  
This project includes code from the manylinux project.

\* `python/manylinux1/scripts/{build_python.sh,python-tag-abi-tag.py,requirements.txt}` are based on code from the manylinux project.

Copyright: 2016 manylinux  
Homepage: <https://github.com/pypa/manylinux>  
License: The MIT License (MIT)

-----  
-----  
This project includes code from the cymove project:

\* `python/pyarrow/includes/common.pxd` includes code from the cymove project

The MIT License (MIT)  
Copyright (c) 2019 Omer Ozarslan

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
 -----  
 The projects includes code from the Ursabot project under the dev/archery directory.

License: BSD 2-Clause

Copyright 2019 RStudio, Inc.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 -----  
 This project include code from CMake.

## Third-Party Notices

---

\* `cpp/cmake_modules/FindGTest.cmake` is based on code from CMake.

Copyright: Copyright 2000-2019 Kitware, Inc. and Contributors  
Homepage: <https://gitlab.kitware.com/cmake/cmake>  
License: 3-clause BSD

-----  
-----  
This project include code from mingw-w64.

\* `cpp/src/arrow/util/cpu-info.cc` has a polyfill for mingw-w64 < 5

Copyright (c) 2009 - 2013 by the mingw-w64 project  
Homepage: <https://mingw-w64.org>  
License: Zope Public License (ZPL) Version 2.1.

-----  
-----  
This project include code from Google's Asylo project.

\* `cpp/src/arrow/result.h` is based on `status_or.h`

Copyright (c) Copyright 2017 Asylo authors  
Homepage: <https://asylo.dev/>  
License: Apache 2.0

-----  
-----  
This project includes code from Google's protobuf project

\* `cpp/src/arrow/result.h` `ARROW_ASSIGN_OR_RAISE` is based off  
`ASSIGN_OR_RETURN`

Copyright 2008 Google Inc. All rights reserved.  
Homepage: <https://developers.google.com/protocol-buffers/>  
License:

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

-----  
-----

3rdparty dependency LLVM is statically linked in certain binary distributions. Additionally some sections of source code have been derived from sources in LLVM and have been clearly labeled as such. LLVM has the following license:

```
=====
====
LLVM Release License
=====
====
University of Illinois/NCSA
Open Source License
```

Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
All rights reserved.

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

<http://llvm.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

\* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimers.

\* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

\* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific  
prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

=====  
=====  
Copyrights and Licenses for Third Party Software Distributed with LLVM:  
=====  
=====

The LLVM software contains code written by third parties. Such software will have its own individual LICENSE.TXT file in the directory in which it appears. This file will describe the copyrights, license, and restrictions which apply to that code.

The disclaimer of warranty in the University of Illinois Open Source License applies to all code in the LLVM Distribution, and nothing in any of the other licenses gives permission to use the names of the LLVM Team or the University of Illinois to endorse or promote products derived from this Software.

The following pieces of software have additional or alternate copyrights, licenses, and/or restrictions:

Program	Directory
-----	-----
Google Test	llvm/utils/unittest/googletest
OpenBSD regex	llvm/lib/Support/{reg*, COPYRIGHT.regex}
pyyaml tests	llvm/test/YAMLParser/{*.data, LICENSE.TXT}

---

ARM contributions    llvm/lib/Target/ARM/LICENSE.TXT  
md5 contributions    llvm/lib/Support/MD5.cpp  
llvm/include/llvm/Support/MD5.h

-----  
-----  
3rdparty dependency gRPC is statically linked in certain binary distributions, like the python wheels. gRPC has the following license:

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
3rdparty dependency Apache Thrift is statically linked in certain binary distributions, like the python wheels. Apache Thrift has the following license:

Apache Thrift

Copyright (C) 2006 - 2019, The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
3rdparty dependency Apache ORC is statically linked in certain binary distributions, like the python wheels. Apache ORC has the following license:

## Third-Party Notices

---

Apache ORC  
Copyright 2013-2019 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (<http://www.apache.org/>).

This product includes software developed by Hewlett-Packard:  
(c) Copyright [2014-2015] Hewlett-Packard Development Company, L.P

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
3rdparty dependency zstd is statically linked in certain binary distributions, like the python wheels. ZSTD has the following license:

BSD License

For Zstandard software

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

- list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

- \* Neither the name Facebook nor the names of its contributors may be used to

- endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
 LIABLE FOR  
 ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES  
 (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES;  
 LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
 AND ON  
 ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
 THIS  
 SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 -----  
 3rdparty dependency lz4 is statically linked in certain binary  
 distributions, like the python wheels. lz4 has the following license:

LZ4 Library  
 Copyright (c) 2011-2016, Yann Collet  
 All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification,  
 are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice,  
 this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
 notice, this

list of conditions and the following disclaimer in the documentation  
 and/or

other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
 IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
 IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
 LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
 AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
 THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

-----  
-----  
3rdparty dependency Brotli is statically linked in certain binary distributions, like the python wheels. Brotli has the following license:

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
3rdparty dependency snappy is statically linked in certain binary distributions, like the python wheels. snappy has the following license:

Copyright 2011, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be

used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===

Some of the benchmark data in testdata/ is licensed differently:

- fireworks.jpeg is Copyright 2013 Steinar H. Gunderson, and is licensed under the Creative Commons Attribution 3.0 license (CC-BY-3.0). See <https://creativecommons.org/licenses/by/3.0/> for more information.
- kppkn.gtb is taken from the Gaviota chess tablebase set, and is licensed under the MIT License. See <https://sites.google.com/site/gaviotachessengine/Home/endgame-tablebases-1> for more information.
- paper-100k.pdf is an excerpt (bytes 92160 to 194560) from the paper *iCombinatorial Modeling of Chromatin Features Quantitatively Predicts DNA Replication Timing in *Drosophila** by Federico Comoglio and Renato Paro, which is licensed under the CC-BY license. See <http://www.ploscompbiol.org/static/license> for more information.
- alice29.txt, asyoulik.txt, plrabn12.txt and lct10.txt are from Project Gutenberg. The first three have expired copyrights and are in the public domain; the latter does not have expired copyright, but is still in the public domain according to the license information (<http://www.gutenberg.org/ebooks/53>).

-----  
-----

3rdparty dependency gflags is statically linked in certain binary distributions, like the python wheels. gflags has the following license:

Copyright (c) 2006, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

3rdparty dependency glog is statically linked in certain binary distributions, like the python wheels. glog has the following license:

Copyright (c) 2008, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

A function `gettimeofday` in `utilities.cc` is based on

<http://www.google.com/codesearch/p?hl=en#dR3YEbitojA/COPYING&q=GetSystemTimeAsFileTime%20license:bsd>

The license of this code is:

Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name(s) of the above-listed copyright holder(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

3rdparty dependency `re2` is statically linked in certain binary distributions, like the python wheels. `re2` has the following license:

Copyright (c) 2009 The RE2 Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

## Third-Party Notices

---

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency c-ares is statically linked in certain binary distributions, like the python wheels. c-ares has the following license:

# c-ares license

Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS file.

Copyright 1998 by the Massachusetts Institute of Technology.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

-----  
-----  
3rdparty dependency zlib is redistributed as a dynamically linked shared library in certain binary distributions, like the python wheels. In the future this will likely change to static linkage. zlib has the following license:

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly  
jloup@gzip.org

Mark Adler  
madler@alumni.caltech.edu

-----  
-----

3rdparty dependency openssl is redistributed as a dynamically linked shared library in certain binary distributions, like the python wheels. openssl preceding version 3 has the following license:

LICENSE ISSUES  
=====

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.

See below for the actual license texts.

OpenSSL License  
-----

```
/* =====
 * Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 * notice, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
```

## Third-Party Notices

---

```
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* ""This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)""
*
* 4. The names ""OpenSSL Toolkit"" and ""OpenSSL Project"" must not be
used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called ""OpenSSL""
* nor may ""OpenSSL"" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
* ""This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit (http://www.openssl.org/)""
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/
```

Original SSLeay License

-----

```
/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
```

```
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
*   must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the routines from the
library
*   being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*   the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed.  i.e. this code cannot
simply be
```

## Third-Party Notices

---

\* copied and put under another distribution licence  
\* [including the GNU Public Licence.]  
\*/

-----  
-----  
This project includes code from the rtools-backports project.

\* ci/scripts/PKGBUILD and ci/scripts/r\_windows\_build.sh are based on code from the rtools-backports project.

Copyright: Copyright (c) 2013 - 2019, ~~0000000~~ and Jeroen Ooms.  
All rights reserved.  
Homepage: <https://github.com/r-windows/rtools-backports>  
License: 3-clause BSD

-----  
-----  
Some code from pandas has been adapted for the pyarrow codebase. pandas is available under the 3-clause BSD license, which follows:

pandas license  
=====

Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
All rights reserved.

Copyright (c) 2008-2011 AQR Capital Management, LLC  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
Some bits from DyND, in particular aspects of the build system, have been adapted from libdynd and dynd-python under the terms of the BSD 2-clause license

The BSD 2-Clause License

Copyright (C) 2011-12, Dynamic NDArray Developers  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Dynamic NDArray Developers list:

- \* Mark Wiebe
- \* Continuum Analytics

-----  
-----  
Some source code from Ibis (<https://github.com/cloudera/ibis>) has been adapted for PyArrow. Ibis is released under the Apache License, Version 2.0.

-----  
-----  
This project includes code from the autobrew project.

## Third-Party Notices

---

\* r/tools/autobrew and dev/tasks/homebrew-formulae/autobrew/apache-arrow.rb  
are based on code from the autobrew project.

Copyright (c) 2019, Jeroen Ooms  
License: MIT  
Homepage: <https://github.com/jeroen/autobrew>

-----  
dev/tasks/homebrew-formulae/apache-arrow.rb has the following license:

BSD 2-Clause License

Copyright (c) 2009-present, Homebrew contributors  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
cpp/src/arrow/vendored/base64.cpp has the following license

ZLIB License

Copyright (C) 2004-2017 RenÈ Nyffenegger

This source code is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original source code.
3. This notice may not be removed or altered from any source distribution.

RenÈ Nyffenegger [rene.nyffenegger@adp-gmbh.ch](mailto:rene.nyffenegger@adp-gmbh.ch)

-----  
-----

The file `cpp/src/arrow/vendored/optional.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,

## Third-Party Notices

---

ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/musl/strptime.c` has the following license

Copyright © 2005-2020 Rich Felker, et al.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### == Copyright

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (C) 2002-2017 Jason Evans <jasone@canonware.com>.  
Copyright (C) 2004-2017 RenÉ Nyffenegger  
Copyright (C) 2006 - 2019, The Apache Software Foundation  
Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.  
Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.  
Copyright (C) 2011-12, Dynamic NDArray Developers  
Copyright (c) Copyright 2017 Asylo authors  
Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
Copyright (c) 2005-2017, NumPy Developers.  
Copyright (c) 2006, Google Inc.  
Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS  
Copyright (c) 2008, Google Inc.  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2008-2011 AQR Capital Management, LLC  
Copyright (c) 2009 - 2013 by the mingw-w64 project  
Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2009 The RE2 Authors. All rights reserved.  
 Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.  
 Copyright (c) 2009-present, Homebrew contributors  
 Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
 Copyright (c) 2011-2016, Yann Collet  
 Copyright (c) 2012-2014, Yann Collet  
 Copyright (c) 2013 - 2019, ~~0000000~~ and Jeroen Ooms.  
 Copyright (c) 2013 The Chromium Authors. All rights reserved.  
 Copyright (c) 2015, 2016, 2017 Howard Hinnant  
 Copyright (c) 2015-2018, conda-forge  
 Copyright (c) 2016 Adrian Colomitchi  
 Copyright (c) 2016 Giles Hall  
 Copyright (c) 2016 Ray Project (<https://github.com/ray-project/ray>)  
 Copyright (c) 2016-present, Facebook, Inc. All rights reserved.  
 Copyright (c) 2017 Florian Dang  
 Copyright (c) 2017 Paul Thompson  
 Copyright (c) 2017, Jeroen Ooms and Jim Hester  
 Copyright (c) 2018 Tomasz Kaminski  
 Copyright (c) 2019 Omer Ozarslan  
 Copyright (c) 2019, Jeroen Ooms  
 Copyright 1998 by the Massachusetts Institute of Technology.  
 Copyright 2000-2019 Kitware, Inc. and Contributors  
 Copyright 2006 Nemanja Trifunovic  
 Copyright 2006-2011, the V8 project authors. All rights reserved.  
 Copyright 2008 Google Inc. All rights reserved.  
 Copyright 2011, Google Inc.  
 Copyright 2013 Steinar H. Gunderson, and  
 Copyright 2013-2019 The Apache Software Foundation  
 Copyright 2014 Google Inc.  
 Copyright 2014 gRPC authors.  
 Copyright 2015 Microsoft Corporation. All rights reserved.  
 Copyright 2015 The TensorFlow Authors. All Rights Reserved.  
 Copyright 2016 Cloudera Inc.  
 Copyright 2019 RStudio, Inc.  
 Copyright © 2005-2020 Rich Felker, et al.  
 copyright (c) Google inc and (c) The Chromium Authors and licensed under the

----- (separator) -----  
 -----

== Dependency  
 github.com/apache/iotdb-client-go

== License Type  
 SPDX:Apache-2.0

== Copyright  
 Copyright 2018-2020 The Apache Software Foundation.

== Notices  
 Apache IoTDB  
 Copyright 2018-2020 The Apache Software Foundation.

This product includes software developed at  
 The Apache Software Foundation (<http://www.apache.org/>).

=====  
==

IoTDB project uses 4 Chinese Patents:  
\* 201711384490X  
\* 201810111712.9  
\* 201711322631.5  
\* 201711319331.1

According to the Apache 2.0 License. The owner of the patents, Tsinghua University, grant the users the right to the use of patent under the requirement of Apache 2.0 License.

=====  
==

----- (separator) -----  
-----

== Dependency  
github.com/apache/thrift

== License Type

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

```
Copyright [yyyy] [name of copyright owner]
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.
```

```
See the License for the specific language governing permissions and  
limitations under the License.
```

```
-----  
SOFTWARE DISTRIBUTED WITH THRIFT:
```

```
The Apache Thrift software includes a number of subcomponents with  
separate copyright notices and license terms. Your use of the source  
code for the these subcomponents is subject to the terms and  
conditions of the following licenses.
```

```
-----  
Portions of the following files are licensed under the MIT License:
```

```
lib/erl/src/Makefile.am
```

```
Please see doc/otp-base-license.txt for the full terms of this license.
```

```
-----  
For the aclocal/ax_boost_base.m4 and  
contrib/fb303/aclocal/ax_boost_base.m4 components:
```

```
# Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>  
#  
# Copying and distribution of this file, with or without  
# modification, are permitted in any medium without royalty provided  
# the copyright notice and this notice are preserved.
```

```
-----  
For the lib/nodejs/lib/thrift/json_parse.js:
```

```
/*  
 json_parse.js  
 2015-05-02
```

---

Public Domain.  
NO WARRANTY EXPRESSED OR IMPLIED. USE AT YOUR OWN RISK.

\*/  
(By Douglas Crockford <douglas@crockford.com>)

-----  
For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights
reserved.
 * This code is Free Software. It may be copied freely, in original or
 * modified form, subject only to the restrictions that (1) the author is
 * relieved from all responsibilities for any use for any purpose, and (2)
 * this copyright notice must be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any
consequences
 * of copying or use, license is withheld.
*/
```

-----  
For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
// Copyright (c) 2006-2008 Alexander Chemeris
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
met:
//
// 1. Redistributions of source code must retain the above copyright
notice,
// this list of conditions and the following disclaimer.
//
// 2. Redistributions in binary form must reproduce the above copyright
// notice, this list of conditions and the following disclaimer in
the
// documentation and/or other materials provided with the
distribution.
//
// 3. The name of the author may be used to endorse or promote products
// derived from this software without specific prior written
permission.
//
// THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED
// WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
// MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO
// EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO,
```

## Third-Party Notices

---

```
// PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
// PROFITS;
// OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
// LIABILITY,
// WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
// OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
// ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
//
//
//
//
```

-----  
Codegen template in t\_html\_generator.h

```
* Bootstrap v2.0.3
*
* Copyright 2012 Twitter, Inc
* Licensed under the Apache License v2.0
* http://www.apache.org/licenses/LICENSE-2.0
*
* Designed and built with all the love in the world @twitter by @mdo and
@fat.
```

-----  
For t\_cl\_generator.cc

```
* Copyright (c) 2008- Patrick Collison <patrick@collison.ie>
* Copyright (c) 2006- Facebook
```

-----  
== Copyright

```
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
Copyright (C) 2006 - 2019, The Apache Software Foundation
Copyright (C) <year> <name of author>
Copyright (c) 2006- Facebook
Copyright (c) 2006-2008 Alexander Chemeris
Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
Copyright (c) 2008- Patrick Collison <patrick@collison.ie>
Copyright (c) <2006> <Martin J. Logan, Erlware>
Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
Copyright 2012 Twitter, Inc
```

== Notices

```
Apache Thrift
Copyright (C) 2006 - 2019, The Apache Software Foundation
```

```
This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
```

----- (separator) -----  
-----

---

== Dependency  
github.com/aristanetworks/glog

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/aristanetworks/goarista

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014 Arista Networks, Inc.  
Copyright (c) 2015 Arista Networks, Inc.  
Copyright (c) 2016 Arista Networks, Inc.  
Copyright (c) 2017 Arista Networks, Inc.  
Copyright (c) 2018 Arista Networks, Inc.  
Copyright (c) 2018 Arista Networks, Inc. All rights reserved.  
Copyright (c) 2019 Arista Networks, Inc.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2014, Google Inc.  
Copyright 2017 gRPC authors.

----- (separator) -----  
-----

== Dependency  
github.com/armon/go-metrics

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Armon Dadgar

----- (separator) -----  
-----

== Dependency  
github.com/awnumar/memcall

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/awnumar/memguard

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Awn Umar <awn@spacetime.dev>

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices  
AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/aws/protocol/eventstream

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/config

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/aws/aws-sdk-go-v2/credentials  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/aws/aws-sdk-go-v2/feature/dynamodb/attributevalue  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/aws/aws-sdk-go-v2/feature/ec2/imds  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/aws/aws-sdk-go-v2/feature/s3/manager  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/aws/aws-sdk-go-v2/internal/configsources  
  
== License Type
```

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/internal/endpoints/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/internal/ini

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/internal/v4a

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/cloudwatch

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

---

== Dependency  
github.com/aws/aws-sdk-go-v2/service/cloudwatchlogs

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/dynamodb

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/dynamodbstreams

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/ec2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/internal/accept-encoding

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/internal/checksum

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/internal/endpoint-discovery

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/internal/presigned-url

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/internal/s3shared

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/kinesis

== License Type

---

SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/s3

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/sso

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/ssoidc

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go-v2/service/sts

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/aws/aws-sdk-go-v2/service/timestreamwrite

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/aws/smithy-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

== Notices  
Copyright Amazon.com, Inc. or its affiliates. All Rights Reserved.

----- (separator) -----  
-----

----- (separator) -----  
-----

== Dependency  
github.com/benbjohnson/clock

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Ben Johnson

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/blues/jsonata-go  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2021 Blues Inc  
Copyright 2018 Blues Inc. All rights reserved.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/bmatcuk/doublestar/v3  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2014 Bob Matcuk  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/boschrexroth/ctrlx-datalayer-golang  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2021-2022 Bosch Rexroth AG  
Copyright (c) 2022 Bosch Rexroth AG  
Copyright © 2022 Bosch Rexroth AG. All rights reserved.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/bufbuild/protocompile  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2020-2022 Buf Technologies, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/caio/go-tdigest
```

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Caio Rom,,o Costa Nascimento

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/backoff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/backoff/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/cisco-ie/nx-telemetry-proto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2016 by Cisco Systems, Inc.

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/clarify/clarify-go  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2022 Searis AS  
Copyright 2022 Searis AS, 2017-2022 Timescale, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/cloudevents/sdk-go/v2  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2021 The CloudEvents Authors  
Copyright 2022 The CloudEvents Authors  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/compose-spec/compose-go  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright (c) 2013 John Barton  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013-2017 Docker, Inc.  
Copyright 2020 The Compose Specification Authors  
Copyright 2020 The Compose Specification Authors.  
  
== Notices  
The Compose Specification  
Copyright 2020 The Compose Specification Authors  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/containerd/containerd  
  
== License Type  
SPDX:Apache-2.0
```

## Third-Party Notices

---

### == Copyright

Copyright (C) Docker/Moby authors.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright 2012-2015 Docker, Inc.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 CNI authors  
Copyright 2018 The Kubernetes Authors.  
Copyright 2021 ADA Logics Ltd  
Copyright 2022 ADA Logics Ltd

### == Notices

Docker  
Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

### == Dependency

[github.com/coocood/freecache](https://github.com/coocood/freecache)

### == License Type

SPDX:MIT

### == Copyright

Copyright (c) 2015 Ewan Chou.

----- (separator) -----  
-----

### == Dependency

[github.com/coreos/go-semver](https://github.com/coreos/go-semver)

### == License Type

SPDX:Apache-2.0

### == Copyright

---

Copyright 2013-2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/coreos/go-systemd](https://github.com/coreos/go-systemd)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/couchbase/go-couchbase](https://github.com/couchbase/go-couchbase)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Couchbase, Inc.  
Copyright (c) 2013 Couchbase, Inc.  
Copyright (c) 2014 Couchbase, Inc.  
Copyright (c) 2016 Couchbase, Inc.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/couchbase/gomemcached

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Dustin Sallings

----- (separator) -----  
-----

== Dependency  
github.com/couchbase/goutils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013 Couchbase, Inc.  
Copyright (c) 2016 Couchbase, Inc.  
Copyright (c) 2016-2019 Couchbase, Inc.  
copyright 2018 Couchbase, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/cpuguy83/dockercfg

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Brian Goff

----- (separator) -----  
-----

== Dependency  
github.com/cpuguy83/go-md2man/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Brian Goff

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

---

== License Type  
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency

github.com/devigned/tab

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 David Justice

----- (separator) -----  
-----

== Dependency

github.com/dgryski/go-rendezvous

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-2020 Damian Gryski <damian@gryski.com>

----- (separator) -----  
-----

== Dependency

github.com/digitalocean/go-libvirt

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2012-2014 Dave Collins <dave@davec.name>  
Copyright (c) 2014 Dave Collins <dave@davec.name>  
Copyright 2016 The go-libvirt Authors.  
Copyright 2017 The go-libvirt Authors.  
Copyright 2018 The go-libvirt Authors.  
Copyright 2020 The go-libvirt Authors.  
Copyright 2022 The go-libvirt Authors.  
Copyright 20[[[:digit:]]{2} The go-libvirt Authors.

----- (separator) -----  
-----

== Dependency  
github.com/dimchansky/utfbom

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2018-2020, Dmitriy Koniajev (dimchansky@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/djherbis/times

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Dustin H  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/docker/distribution

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency  
github.com/docker/docker

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2015 John Howard (Microsoft)  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

== Notices  
Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed  
by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the  
United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not  
violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/docker/go-connections](https://github.com/docker/go-connections)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
[github.com/docker/go-units](https://github.com/docker/go-units)

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright  
Copyright 2015 Docker, Inc.  
Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/dustin/go-humanize

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2005-2008 Dustin Sallings <dustin@spy.net>

----- (separator) -----  
-----

== Dependency  
github.com/dvsekhvalnov/jose2go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014

----- (separator) -----  
-----

== Dependency  
github.com/dynatrace-oss/dynatrace-metric-utils-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 Dynatrace LLC

----- (separator) -----  
-----

== Dependency  
github.com/eapache/go-resiliency

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Evan Huus

----- (separator) -----  
-----

---

```
== Dependency
github.com/eapache/go-xerial-snappy
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2016 Evan Huus
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/eapache/queue
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2014 Evan Huus
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/eclipse/paho.golang
```

```
== License Type
SPDX:EPL-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/eclipse/paho.mqtt.golang
```

```
== License Type
SPDX:EPL-2.0
```

```
== Copyright
Copyright (c) 2013 IBM Corp and others.
Copyright (c) 2021 IBM Corp and others.
Copyright (c) 2022 IBM Corp and others.
copyright © 2018 TIBCO Software Inc.
```

```
== Notices
# Notices for paho.mqtt.golang
```

This content is produced and maintained by the Eclipse Paho project.

\* Project home: <https://www.eclipse.org/paho/>

## Third-Party Notices

---

Note that a [separate mqtt v5 client] (<https://github.com/eclipse/paho.golang>) also exists (this is a full rewrite and deliberately incompatible with this library).

### ## Trademarks

Eclipse Mosquitto trademarks of the Eclipse Foundation. Eclipse, and the Eclipse Logo are registered trademarks of the Eclipse Foundation.

Paho is a trademark of the Eclipse Foundation. Eclipse, and the Eclipse Logo are registered trademarks of the Eclipse Foundation.

### ## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v2.0 and Eclipse Distribution License v1.0 which accompany this distribution.

The Eclipse Public License is available at <https://www.eclipse.org/legal/epl-2.0/> and the Eclipse Distribution License is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

For an explanation of what dual-licensing means to you, see: <https://www.eclipse.org/legal/eplfaq.php#DUALLIC>

SPDX-License-Identifier: EPL-2.0 or BSD-3-Clause

### ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse/paho.mqtt.golang>

### ## Third-party Content

This project makes use of the follow third party projects.

Go Programming Language and Standard Library

- \* License: BSD-style license (<https://golang.org/LICENSE>)
- \* Project: <https://golang.org/>

Go Networking

- \* License: BSD 3-Clause style license and patent grant.

---

\* Project: <https://cs.opensource.google/go/x/net>

Go Sync

\* License: BSD 3-Clause style license and patent grant.

\* Project: <https://cs.opensource.google/go/x/sync/>

Gorilla Websockets v1.4.2

\* License: BSD 2-Clause "Simplified" License

\* Project: <https://github.com/gorilla/websocket>

## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----  
-----

== Dependency

[github.com/emicklei/go-restful/v3](https://github.com/emicklei/go-restful/v3)

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency

[github.com/fatih/color](https://github.com/fatih/color)

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Fatih Arslan

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/flosch/pongo2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Florian Schlachter

----- (separator) -----  
-----

== Dependency  
github.com/form3tech-oss/jwt-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Dave Grijalva

----- (separator) -----  
-----

== Dependency  
github.com/gabriel-vasile/mimetype

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2018-2020 Gabriel Vasile  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-asn1-ber/asn1-ber

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2015 Michael Mitton (mmitton@gmail.com)  
copyright (c) 2015-2016 go-asn1-ber Authors

----- (separator) -----  
-----

== Dependency  
github.com/go-ldap/ldap/v3

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2015 Michael Mitton (mmittton@gmail.com)  
copyright (c) 2015-2016 go-ldap Authors

----- (separator) -----  
-----

== Dependency  
github.com/go-logfmt/logfmt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 go-logfmt  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.  
Copyright 2022 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-macaroon-bakery/macaroonpb

== License Type  
SPDX:LGPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Copyright © 2014, Roger Peppe, Canonical Inc.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright

Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency

github.com/go-openapi/jsonreference

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency

github.com/go-openapi/swagger

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency

github.com/go-redis/redis/v7

== License Type

Copyright (c) 2013 The github.com/go-redis/redis Authors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

---

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 The github.com/go-redis/redis Authors.  
Copyright 2001-2010 Georges Menie (www.menie.org)  
Copyright 2013 Google Inc.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Camlistore Authors

----- (separator) -----  
-----

== Dependency

github.com/go-redis/redis/v8

== License Type

Copyright (c) 2013 The github.com/go-redis/redis Authors.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 The github.com/go-redis/redis Authors.  
Copyright 2001-2010 Georges Menie (www.menie.org)  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Camlistore Authors

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/go-sql-driver/mysql

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright 2012 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2013 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2014 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2016 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2017 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2018 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2019 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2020 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2022 The Go-MYSQL-Driver Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-stack/stack

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Chris Hines

----- (separator) -----  
-----

== Dependency  
github.com/go-stomp/stomp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 - Present The go-stomp authors  
Copyright 2012 The go-stomp authors

----- (separator) -----  
-----

== Dependency  
github.com/gobwas/glob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Sergey Kamardin

----- (separator) -----  
-----

== Dependency  
github.com/goccy/go-json

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Masaaki Goshima  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/godbus/dbus

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013, Georg Reinke (<guelfey at gmail dot com>), Google

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/uuid

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013-2018 by Maxim Bubliss <b@codemonkey.ru>  
Copyright (c) 2018 Andrei Tudor Calin <mail@acln.ro>

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/uuid/v5

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013-2018 by Maxim Bubliss <b@codemonkey.ru>  
Copyright (c) 2018 Andrei Tudor Calin <mail@acln.ro>

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang-jwt/jwt/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Dave Grijalva  
Copyright (c) 2021 golang-jwt maintainers

----- (separator) -----  
-----

== Dependency  
github.com/golang-sql/civil

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC

----- (separator) -----  
-----

---

```
== Dependency
github.com/golang-sql/sqlexp
```

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright
Copyright (c) 2017 The Go Authors. All rights reserved.
Copyright 2017 The Go Authors. All rights reserved.
```

```
== Patents
Additional IP Rights Grant (Patents)
```

```
""This implementation"" means the copyrightable works distributed by
Google as part of the Go project.
```

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

```
----- (separator) -----
-----
```

```
== Dependency
github.com/golang/geo
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2014 Google Inc. All rights reserved.
Copyright 2015 Google Inc. All rights reserved.
Copyright 2016 Google Inc. All rights reserved.
Copyright 2017 Google Inc. All rights reserved.
Copyright 2018 Google Inc. All rights reserved.
Copyright 2019 Google Inc. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
```

## Third-Party Notices

---

github.com/golang/groupcache

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/snappy

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2016 The Snappy-Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/cel-go

== License Type

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====  
=  
The common/types/pb/equal.go modification of proto.Equal logic  
=====  
=  
Copyright (c) 2018 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.

Copyright 2018 Google LLC

Copyright 2019 Google LLC

Copyright 2020 Google LLC

Copyright 2021 Google LLC

Copyright 2022 Google LLC

Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency

github.com/google/flatbuffers

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google Inc.

Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/gnostic

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +  
Copyright 2021 Google LLC. All Rights Reserved.  
Copyright 2022 Google LLC. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gnxi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google Inc.  
Copyright 2017 Google Inc. All Rights Reserved.  
Copyright 2018 Google Inc.  
Copyright 2020 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-github/v32

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013 The go-github AUTHORS. All rights reserved.

Copyright 2013 The go-github AUTHORS. All rights reserved.  
 Copyright 2014 The go-github AUTHORS. All rights reserved.  
 Copyright 2015 The go-github AUTHORS. All rights reserved.  
 Copyright 2016 The go-github AUTHORS. All rights reserved.  
 Copyright 2017 The go-github AUTHORS. All rights reserved.  
 Copyright 2018 The go-github AUTHORS. All rights reserved.  
 Copyright 2019 The go-github AUTHORS. All rights reserved.  
 Copyright 2020 The go-github AUTHORS. All rights reserved.

----- (separator) -----  
 -----

== Dependency  
 github.com/google/go-querystring

== License Type  
 SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
 Copyright (c) 2013 Google. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
 -----

== Dependency  
 github.com/google/gofuzz

== License Type  
 SPDX:Apache-2.0

== Copyright  
 Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
 -----

== Dependency  
 github.com/google/gopacket

== License Type  
 Copyright (c) 2012 Google, Inc. All rights reserved.  
 Copyright (c) 2009-2011 Andreas Krennmair. All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification, are permitted provided that the following conditions are  
 met:

- \* Redistributions of source code must retain the above copyright  
 notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
 copyright notice, this list of conditions and the following disclaimer  
 in the documentation and/or other materials provided with the  
 distribution.

- \* Neither the name of Andreas Krennmair, Google, nor the names of its  
 contributors may be used to endorse or promote products derived from

## Third-Party Notices

---

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 1986-2010 by cisco Systems, Inc.\nCompiled Tue 26-Oct-10 10:35 by nburra",

Copyright (c) 2009-2011 Andreas Krennmair. All rights reserved.

Copyright (c) 2012 Google, Inc. All rights reserved.

Copyright 2009-2011 Andreas Krennmair. All rights reserved.

Copyright 2012 Google, Inc. All rights reserved.

Copyright 2012, 2018 GoPacket Authors. All rights reserved.

Copyright 2012, Google, Inc. All rights reserved.

Copyright 2013 Google, Inc. All rights reserved.

Copyright 2014 Damjan Cvetko. All rights reserved.

Copyright 2014 Google, Inc. All rights reserved.

Copyright 2014, 2018 GoPacket Authors. All rights reserved.

Copyright 2014, Google, Inc. All rights reserved.

Copyright 2015 Google, Inc. All rights reserved.

Copyright 2016 Google, Inc. All rights reserved.

Copyright 2016, Google, Inc. All rights reserved.

Copyright 2017 Google, Inc. All rights reserved.

Copyright 2017, Google, Inc. All rights reserved.

Copyright 2018 GoPacket Authors. All rights reserved.

Copyright 2018 Google, Inc. All rights reserved.

Copyright 2018 The GoPacket Authors. All rights reserved.

Copyright 2018, Google, Inc. All rights reserved.

Copyright 2018, The GoPacket Authors, All rights reserved.

Copyright 2019 The GoPacket Authors. All rights reserved.

Copyright 2020 The GoPacket Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/licensecheck

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,

Copyright (C) 1991 Free Software Foundation, Inc.

Copyright (C) 1991, 1992 Hans-Hermann Bode

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
 Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
 Copyright (C) 1995-1999. All Rights Reserved.  
 Copyright (C) 1995-2009 Gerd Neugebauer )??  
 Copyright (C) 1998 Netscape  
 Copyright (C) 1998, 1999, 2000 Red Hat, Inc. (<http://www.redhat.com/>). All Rights  
 Copyright (C) 1998, 1999, 2000 Red Hat, Inc. All  
 Copyright (C) 1998-1999 Netscape  
 Copyright (C) 1999-2002 Technical Pursuit Inc., All Rights Reserved.  
 Patent  
 Copyright (C) 19xx name of author Gnomovision comes with  
 Copyright (C) 2001 Sun  
 Copyright (C) 2001-2004 Robert A. van  
 Copyright (C) 2001-2009 Robert A. van Engelen,  
 Copyright (C) 2002 Lawrence E. Rosen. All rights reserved.  
 Copyright (C) 2003 Lawrence E. Rosen. All rights reserved.  
 Copyright (C) 2003, Lucent Technologies Inc. and others. All Rights  
 Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.  
 Copyright (C) 2004 SugarCRM, Inc.;  
 Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
 Copyright (C) 20[jj] [Name des Rechtsinhabers].  
 Copyright (C) <year> <name of author>  
 Copyright (C) Borland/Inprise. All  
 Copyright (C) -  
 Copyright (C) - . All Rights Reserved.  
 Copyright (C) - 20 .  
 Copyright (C) - 5 . All Rights Reserved.  
 Copyright (C) - 5 International Business Machines Corporation and  
 Copyright (C) - . All Rights Reserved.  
 Copyright (C) - . All Rights Reserved.  
 Copyright (C) - . All  
 Copyright (C) - .  
 Copyright (c) 1983-2002 Sybase, Inc. All Rights Reserved.  
 Copyright (c) 1988, 1993 The Regents of the University of California. All  
 Copyright (c) 1990, 1993, 1994, 1995 The Regents of the University of  
 California. All rights reserved.  
 Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The  
 Netherlands. All rights reserved.  
 Copyright (c) 1991-2000 iMatix Corporation. You may use it and  
 Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.  
 Copyright (c) 1995, 1996 The President and Fellows of Harvard University.  
 All rights reserved.  
 Copyright (c) 1995-2002 RealNetworks, Inc. and/or its licensors. All  
 Rights  
 Copyright (c) 1996, 1997 Andreas Digger  
 Copyright (c) 1996-1999 Corporation for  
 Copyright (c) 1998, 1999 Glenn Randers-Pehrson, and are distributed  
 according to  
 Copyright (c) 1998-2010 Sendmail, Inc. All rights reserved."  
 Copyright (c) 1998-2014 Proofpoint, Inc. All rights reserved."  
 Copyright (c) 1999 Apple Computer, Inc. All Rights Reserved. This file  
 Copyright (c) 1999-2000 Apple Computer, Inc. All Rights Reserved. This  
 Copyright (c) 1999-2001 Apple Computer, Inc. All Rights Reserved.  
 Copyright (c) 1999-2007 Apple

## Third-Party Notices

---

Copyright (c) 2000- (insert then current year) OCLC Online Computer Library  
Copyright (c) 2000-2002 Glenn Randers-Pehrson, and are distributed according to  
Copyright (c) 2000-2006, The Perl Foundation.))??  
Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python  
Copyright (c) 2001-2003, Networks Associates Technology, Inc All rights reserved.  
Copyright (c) 2002-2007 Charlie Poole or Copyright (c) 2002-2004  
Copyright (c) 2003-2009, Sparta, Inc All rights reserved. Redistribution and  
Copyright (c) 2004, 2006-2010 Glenn Randers-Pehrson, and are distributed  
Copyright (c) 2004, Cisco, Inc and Information Network Center of Beijing  
Copyright (c) 2005 Lawrence  
Copyright (c) 2007 Apple Inc. All rights reserved.  
Copyright (c) 2009 Snarfboodle Inc. All rights reserved.  
Copyright (c) 2009, ScienceLogic, LLC All rights reserved. Redistribution and  
Copyright (c) 2017 Nigel Tzeng. Permission is granted to copy,  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) <YEAR> <COMPANY>. All rights reserved.  
Copyright (c) Fabasoft R&D Software GmbH & Co KG, 2003 oss@fabasoft.com  
Author:  
Copyright (c) GMV 1991  
Copyright (c) Zope Corporation (tm) and Contributors.  
Copyright (c) [2019] [name of copyright holder]  
Copyright (c) [Year] [name of copyright holder]  
Copyright (c) \_\_10\_\_.  
Copyright (c) \_\_10\_\_. Permission is granted to copy, distribute and/or  
Copyright (c) \_\_20\_\_  
Copyright (c) \_\_20\_\_. All rights reserved.""  
Copyright (c) \_\_5\_\_ United States Government as represented by \_\_10\_\_.  
Copyright (c) \_\_\_\_\_.  
Copyright 1972 by Massachusetts Institute of Technology and Honeywell Information Systems Inc.  
Copyright 1989, 1991, 1992 by Carnegie Mellon University  
Copyright 1992, 1993, 1994 Henry Spencer. All rights reserved. ))??  
Copyright 1996, 1998-2000 The Regents of  
Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner  
Copyright 1998-2001 by Rob Braun  
Copyright 1999, Ericsson Utvecklings AB. All Rights  
Copyright 2001 M. Y. Name  
Copyright 2001 by Steve Grubb  
Copyright 2003 M. Y. Name  
Copyright 2005 M. Y. Name  
Copyright 2006 by BULL HN Information Systems Inc.  
Copyright 2006 by Bull SAS All Rights Reserved  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 GopherÆ"", ""copyright 2020 gopher""},  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright © 1990-2006 Condor Team, Computer  
Copyright © 1991-2000 iMatix Corporation  
Copyright © 1991-2000 iMatix Corporation, with  
Copyright © 1991-2014 Unicode, Inc. All rights reserved.  
Copyright © 1991-2015 Unicode, Inc. All rights reserved. Distributed under the  
Copyright © 1995-2001 Corporation for National Research

Copyright © 2002 Affero Inc.  
 Copyright © 2003 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California  
 Copyright © 2005 Lawrence  
 Copyright © 2005 Lawrence Rosen. Permission is granted to copy, distribute, or communicate this License without modification. Nothing in this License permits You to modify this License as applied to the Original Work or to Derivative Works. However, You may modify the text of this License and copy, distribute or communicate your modified version (the "Modified License") and apply it to other original works of authorship subject to the following conditions: (i) You may not indicate in any way that your Modified License is the "Open Software License" or "OSL" and you may not use those names in the name of your Modified License; (ii) You must replace the notice specified in the first paragraph above with the notice "Licensed under <insert your license name here>" or with a notice of your own that is not confusingly similar to the notice in this License; and (iii) You may not claim that your original works are open source software unless your Modified License has been approved by Open Source Initiative (OSI) and You comply with its license review and certification process.

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
 Copyright © 2018 MongoDB, Inc.  
 Copyright © 2020 Gopher, "copyright 2020 gopher"},  
 Copyright © 2020" and "copyright 2020" are the  
 Copyright © <year> Nokia and others. All Rights Reserved.  
 Copyright © [\$date-of-document] Open  
 Copyright © [\$date-of-software] World  
 Copyright © \_\_3\_\_ National Security Agency))??  
 copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved  
 copyright (C) 1996-2000 by David Turner, Robert  
 copyright (c) 1991-2000 iMatix Corporation."  
 copyright (c) 2001-2003, Cambridge Broadband Ltd.  
 copyright 1988 Richard M. Stallman)  
 copyright 2020 gopher"},  
 copyright © 1996-2007 Julian Seward. All rights reserved.  
 copyright © <year> The FreeType Project  
 copyright © OPEN CASCADE SAS, 2001. All rights reserved. "The Original Code  
 copyright © Open CASCADE SAS, 2001. All rights reserved.  
 copyright © [Year to be included]. All rights reserved.  
 copyright © notice which appears when

----- (separator) -----  
 -----

== Dependency  
 github.com/google/s2a-go

== License Type  
 SPDX:Apache-2.0

== Copyright  
 Copyright 2021 Google LLC  
 Copyright 2022 Google LLC  
 Copyright 2023 Google LLC

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/enterprise-certificate-proxy

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2022 Google LLC.  
Copyright 2023 Google LLC.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/gax-go/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2016, Google Inc.  
Copyright 2018, Google Inc.  
Copyright 2019, Google Inc.  
Copyright 2021 Google LLC  
Copyright 2021, Google Inc.  
Copyright 2022 Google LLC  
Copyright 2022, Google Inc.  
Copyright 2023, Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/gopcu/opcua

== License Type  
SPDX:MIT

## == Copyright

Copyright (c) 2018-2019 The gopcu authors  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2018-2019 gopcu authors. All rights reserved.  
Copyright 2018-2020 opcu authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/gophercloud/gophercloud

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2012-2013 Rackspace, Inc.

----- (separator) -----  
-----

## == Dependency

github.com/gorilla/mux

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2012-2018 The Gorilla Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 Gorilla Authors. All rights reserved.  
Copyright 2012 The Gorilla Authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/gorilla/websocket

## == License Type

SPDX:BSD-2-Clause

## == Copyright

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/gosnmp/gosnmp

== License Type  
Copyright 2012-2020 The GoSNMP Authors. All rights reserved. Use of this rights reserved. Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Parts of the gosnmp code are from GoLang ASN.1 Library (as marked in the source code).  
For those part of code the following license applies:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2012 The GoSNMP Authors. All rights reserved. Use of this  
Copyright 2012 the GoSNMP Authors - see  
Copyright 2012-2020 The GoSNMP Authors. All rights reserved. Use of this  
Copyright 2020 The GoSNMP Authors. All rights reserved. Use of this  
Copyright 2021 The GoSNMP Authors. All rights reserved. Use of this

----- (separator) -----  
-----

== Dependency

github.com/grid-x/modbus

== License Type

Copyright (C) 2014 Quoc-Viet Nguyen  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the names of the copyright holders nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

== Copyright

Copyright (C) 2014 Quoc-Viet Nguyen  
Copyright 2014 Quoc-Viet Nguyen. All rights reserved.  
Copyright 2018 xft. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/grid-x/serial

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Quoc-Viet Nguyen

----- (separator) -----  
-----

== Dependency

github.com/gsterjov/go-libsecret

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Goran Sterjov

----- (separator) -----  
-----

== Dependency

github.com/gwos/tcg/sdk

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Copyright 2021 GroundWork Open Source, Inc.

----- (separator) -----  
-----

== Dependency

github.com/hailocab/go-hostpool

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Bitly

----- (separator) -----  
-----

---

== Dependency  
github.com/harlow/kinesis-consumer

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Harlow Ward  
Copyright (c) 2015 Harlow Ward. It is free software, and may

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/consul/api

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2013 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/errwrap

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-cleanhttp

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-hclog

== License Type  
SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2016 Uber Technologies, Inc.

Copyright (c) 2017 HashiCorp, Inc.

Copyright (c) HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-immutable-radix

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-multierror

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-rootcerts

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-uuid

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright © 2015-2022 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency

---

github.com/hashicorp/golang-lru

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/packer-plugin-sdk

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/serf

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/duanhuandu/xstrings

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Huan Du  
Copyright 2015 Huan Du. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/indario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2013 Dario CastaòÈ. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario CastaòÈ. All rights reserved.  
Copyright 2014 Dario CastaòÈ. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/go-syslog/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018, InfluxData Inc.

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/influxdb-observability/common

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 InfluxData

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/influxdb-observability/influx2otel

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 InfluxData

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/influxdb-observability/otel2influx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 InfluxData

----- (separator) -----  
-----

---

== Dependency  
github.com/influxdata/line-protocol/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 InfluxData Inc.

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/tail

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 99designs  
Copyright (c) 2013 ActiveState Software Inc. All rights reserved.  
Copyright (c) 2014 ActiveState  
Copyright (c) 2015 HPE Software Inc. All rights reserved.  
Copyright 2015 Hewlett Packard Enterprise Development LP

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/toml

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Naoya Inada <naoina@kuune.org>

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/wlog

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 InfluxData

----- (separator) -----  
-----

== Dependency  
github.com/intel/iaevents

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright  
Copyright (c) 2021, Intel Corporation.

----- (separator) -----  
-----

== Dependency  
github.com/jackc/chunkreader/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/pgconn

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019-2021 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/pgio

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/pgpassfile

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Jack Christensen

----- (separator) -----  
-----

---

== Dependency  
github.com/jackc/pgproto3/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/pgservicefile

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/pgtype

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2021 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/pgx/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013-2021 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jackc/puddle

== License Type  
SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2018 Jack Christensen

----- (separator) -----  
-----

== Dependency  
github.com/jaegertracing/jaeger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2017 The Jaeger Authors.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2017-2018 Uber Technologies, Inc.  
Copyright (c) 2018 The Jaeger Authors  
Copyright (c) 2018 The Jaeger Authors.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2018-2019 The Jaeger Authors.  
Copyright (c) 2019 The Jaeger Authors  
Copyright (c) 2019 The Jaeger Authors.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2019,2020 The Jaeger Authors.  
Copyright (c) 2020 The Jaeger Authors.  
Copyright (c) 2021 The Jaeger Authors.  
Copyright (c) 2022 The Jaeger Authors.  
Copyright (c) 2023 The Jaeger Authors.  
Copyright (c) The Jaeger Authors. [Apache 2.0 License] (./LICENSE).  
Copyright 2015-2019 The Jaeger Project Authors  
Copyright 2021 The Prometheus Authors.

== Notices  
Jaeger, Distributed Tracing Platform.

Copyright 2015-2019 The Jaeger Project Authors

Licensed under Apache License 2.0. See LICENSE for terms.

Includes software developed at Uber Technologies, Inc.  
(<https://eng.uber.com/>).

----- (separator) -----  
-----

----- (separator) -----  
-----

== Dependency  
github.com/jcmtturner/aescts/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

```
----- (separator) -----
-----

== Dependency
github.com/jcmtturner/dnsutils/v2

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/jcmtturner/gofork

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/jcmtturner/gokrb5/v8

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/jcmtturner/rpc/v2

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/jeremywohl/flatten/v2
```

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Jeremy Wohl

----- (separator) -----  
-----

== Dependency  
github.com/jhump/protoreflect

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The gRPC Authors  
Copyright 2017 Joshua Humphries  
Copyright 2017 gRPC authors.

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/josharian/native

== License Type  
SPDX:MIT

== Copyright  
Copyright 2020 Josh Bleecher Snyder

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/jpillora/backoff  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2017 Jaime Pillora  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/json-iterator/go  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 json-iterator  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/juju/webbrowser  
  
== License Type  
SPDX:LGPL-3.0  
  
== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>  
Copyright 2016 Canonical Ltd.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/julienschmidt/httprouter  
  
== License Type  
SPDX:BSD-3-Clause  
  
== Copyright  
Copyright (c) 2013, Julien Schmidt  
Copyright 2009 The Go Authors.  
Copyright 2013 Julien Schmidt. All rights reserved.  
  
----- (separator) -----  
-----  
  
== Dependency
```

## Third-Party Notices

---

github.com/karrick/godirwalk

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2017, Karrick McDermott

----- (separator) -----  
-----

== Dependency  
github.com/kballard/go-shellquote

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014 Kevin Ballard

----- (separator) -----  
-----

== Dependency  
github.com/klauspost/compress

== License Type  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2019 Klaus Post. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Files: gzhttp/\*

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,  
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright 2016–2017 The New York Times Company

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
Files: s2/cmd/internal/readahead/\*

The MIT License (MIT)

Copyright (c) 2015 Klaus Post

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Files: snappy/\*

Files: internal/snapref/\*

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

## Third-Party Notices

---

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Files: s2/cmd/internal/filepathx/\*

Copyright 2016 The filepathx Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.\n"+  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013, Yann Collet, released under BSD License.  
Copyright (c) 2015 Klaus Post  
Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE file.  
Copyright (c) 2015, Pierre Curto  
Copyright (c) 2016 Caleb Spare  
Copyright (c) 2016 Caleb Spare.  
Copyright (c) 2019 Klaus Post. All rights reserved.  
Copyright (c) 2019+ Klaus Post. All rights reserved.  
Copyright (c) 2019+ Klaus Post. All rights reserved.\n\n")  
Copyright (c) 2021 Klaus Post. All rights reserved.  
Copyright (c) 2022 Klaus Post. All rights reserved.  
Copyright (c) 2022+ Klaus Post. All rights reserved.  
Copyright (c) 2023 Klaus Post. All rights reserved.

```

Copyright (c) 2023"")
Copyright (c) 2023"".
Copyright (c) 2023+ Klaus Post. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2011 The Snappy-Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.
Copyright 2014 The Go Authors. All rights reserved.
Copyright 2016 The Go Authors. All rights reserved.
Copyright 2016 The Snappy-Go Authors. All rights reserved.
Copyright 2016 The filepathx Authors
Copyright 2016-2017 The New York Times Company
Copyright 2017 The Go Authors. All rights reserved.\n// Use of this source
code is governed by a BSD-style\n// license that can be found in the
LICENSE file.\n\npackage ), uintptr(unsafe.Pointer(_p1)), 0)\n\tif e1 != 0
{\n\t\tterr = errnoErr(e1)\n\t}\n\treturn\n}\n\n// THIS FILE IS GENERATED
BY THE COMMAND AT THE TOP; DO NOT EDIT\n\nfunc Sync() (err error) {\n\t_,
_, e1 := Syscall(
    = 0x10\n\tMOVEFILE_FAIL_IF_NOT""")
Copyright 2018 Klaus Post. All rights reserved.
Copyright 2019 The Go Authors. All rights reserved.
Copyright 2019+ Klaus Post. All rights reserved.
Copyright 2020+ Klaus Post. All rights reserved.
Copyright 2021 The Go Authors. All rights reserved.
Copyright 2022""

```

----- (separator) -----  
-----

```

== Dependency
github.com/klauspost/cpuid/v2

```

```

== License Type
SPDX:MIT

```

```

== Copyright
Copyright (C) 2015- Klaus Post & Contributors.
Copyright (c) 2015 Klaus Post
Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE
file.
Copyright (c) 2020 Klaus Post, released under MIT License. See LICENSE
file.
Copyright (c) 2021 Klaus Post, released under MIT License. See LICENSE
file.
Copyright 2018 The Go Authors. All rights reserved.

```

----- (separator) -----  
-----

```

== Dependency
github.com/klauspost/pgzip

```

```

== License Type
SPDX:MIT

```

```

== Copyright

```

## Third-Party Notices

---

Copyright (c) 2014 Klaus Post  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/kolo/xmlrpc

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2012 Dmitry Maksimov

----- (separator) -----  
-----

== Dependency  
github.com/kr/fs

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/kylelemons/godebug

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/leodido/ragel-machinery

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Leonardo Di Donato

----- (separator) -----  
-----

---

== Dependency  
github.com/linkedin/goavro/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2017 LinkedIn Corp. Licensed under the Apache License,

----- (separator) -----  
-----

== Dependency  
github.com/logzio/azure-monitor-metrics-receiver

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Logz.io

----- (separator) -----  
-----

== Dependency  
github.com/lxc/lxd

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc. All rights reserved.  
Copyright 2016 the gousb Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/magiconair/properties

== License Type  
Copyright (c) 2013-2020, Frank Schroeder

All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.

## Third-Party Notices

---

\* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013-2020, Frank Schroeder  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013-2014 Frank Schroeder. All rights reserved.  
Copyright 2013-2022 Frank Schroeder. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/mailru/easyjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency

github.com/mattn/go-colorable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-ieproxy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 mattn  
Copyright (c) 2017 oliverpool  
Copyright (c) 2019 Adele Reed

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-isatty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/apcupsd

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2022 Matt Layher

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/genetlink

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2017 Matt Layher

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/netlink

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2022 Matt Layher  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/socket

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2021 Matt Layher  
Copyright 2016 The Go Authors. All rights reserved. Use of this source

----- (separator) -----  
-----

== Dependency  
github.com/microsoft/ApplicationInsights-Go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015-2017 Microsoft

----- (separator) -----  
-----

== Dependency  
github.com/microsoft/go-mssqldb

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 npipe authors  
Copyright (c) Microsoft Corporation.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 Nate Finch. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/miekg/dns

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2009, The Go Authors. Extensions copyright (c) 2011, Miek Gieben.

----- (separator) -----  
-----

== Dependency  
github.com/minio/highwayhash

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2017 Minio Inc. All rights reserved.  
Copyright (c) 2018 Minio Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/copystructure

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/go-homedir

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/mapstructure

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/reflectwalk

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/moby/ipvs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, inc. Code released under the [Apache 2.0  
license] (LICENSE).

----- (separator) -----  
-----

== Dependency  
github.com/moby/patternmatcher

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2018 Docker, Inc.

---

== Notices  
Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/moby/sys/sequential](https://github.com/moby/sys/sequential)

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
[github.com/moby/term](https://github.com/moby/term)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

----- (separator) -----  
-----

== Dependency  
[github.com/modern-go/concurrent](https://github.com/modern-go/concurrent)

== License Type  
SPDX:Apache-2.0

== Copyright

## Third-Party Notices

---

(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/montanaflynn/stats

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2020 Montana Flynn (<https://montanaflynn.com>)  
Copyright (c) 2014-2021 Montana Flynn (<https://montanaflynn.com>)

----- (separator) -----  
-----

== Dependency  
github.com/morikuni/aec

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Taihei Morikuni

----- (separator) -----  
-----

== Dependency  
github.com/mtibben/percent

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Michael Tibben

----- (separator) -----  
-----

== Dependency  
github.com/multiplay/go-ts3

---

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2017, Multiplay

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/naoina/go-stringutil

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Naoya Inada <naoia@kuune.org>

----- (separator) -----  
-----

== Dependency  
github.com/nats-io/jwt/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The NATS Authors  
Copyright 2018-2019 The NATS Authors  
Copyright 2018-2020 The NATS Authors  
Copyright 2018-2021 The NATS Authors  
Copyright 2019-2020 The NATS Authors  
Copyright 2020 The NATS Authors

----- (separator) -----  
-----

== Dependency  
github.com/nats-io/nats-server/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011-2015 Michael Mitton (mmitton@gmail.com)  
Copyright 2012-2018 The NATS Authors  
Copyright 2012-2019 The NATS Authors  
Copyright 2012-2020 The NATS Authors  
Copyright 2012-2021 The NATS Authors  
Copyright 2012-2022 The NATS Authors  
Copyright 2013-2018 The NATS Authors  
Copyright 2013-2019 The NATS Authors  
Copyright 2013-2020 The NATS Authors  
Copyright 2013-2022 The NATS Authors  
Copyright 2014-2019 The NATS Authors  
Copyright 2015-2018 The NATS Authors  
Copyright 2015-2019 The NATS Authors  
Copyright 2015-2020 The NATS Authors  
Copyright 2015-2021 The NATS Authors  
Copyright 2016-2018 The NATS Authors  
Copyright 2016-2019 The NATS Authors  
Copyright 2016-2020 The NATS Authors  
Copyright 2017-2021 The NATS Authors  
Copyright 2017-2022 The NATS Authors  
Copyright 2018 The NATS Authors  
Copyright 2018-2019 The NATS Authors

---

Copyright 2018-2020 The NATS Authors  
Copyright 2018-2022 The NATS Authors  
Copyright 2019 The NATS Authors  
Copyright 2019-2020 The NATS Authors  
Copyright 2019-2021 The NATS Authors  
Copyright 2019-2022 The NATS Authors  
Copyright 2020 The NATS Authors  
Copyright 2020-2021 The NATS Authors  
Copyright 2020-2022 The NATS Authors  
Copyright 2021 The NATS Authors  
Copyright 2021-2022 The NATS Authors  
Copyright 2022 The NATS Authors  
copyright (c) 2015-2016 go-ldap Authors

----- (separator) -----  
-----

== Dependency  
github.com/nats-io/nats.go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2018 The NATS Authors  
Copyright 2012-2019 The NATS Authors  
Copyright 2012-2020 The NATS Authors  
Copyright 2012-2021 The NATS Authors  
Copyright 2012-2022 The NATS Authors  
Copyright 2012-2023 The NATS Authors  
Copyright 2013-2018 The NATS Authors  
Copyright 2013-2019 The NATS Authors  
Copyright 2013-2020 The NATS Authors  
Copyright 2013-2022 The NATS Authors  
Copyright 2015-2019 The NATS Authors  
Copyright 2015-2020 The NATS Authors  
Copyright 2015-2021 The NATS Authors  
Copyright 2016-2019 The NATS Authors  
Copyright 2016-2022 The NATS Authors  
Copyright 2017-2022 The NATS Authors  
Copyright 2018-2020 The NATS Authors  
Copyright 2018-2022 The NATS Authors  
Copyright 2019-2022 The NATS Authors  
Copyright 2020-2021 The NATS Authors  
Copyright 2020-2022 The NATS Authors  
Copyright 2020-2023 The NATS Authors  
Copyright 2021-2022 The NATS Authors  
Copyright 2021-2023 The NATS Authors  
Copyright 2022 The NATS Authors  
Copyright 2022-2023 The NATS Authors  
Copyright 2023 The NATS Authors

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/nats-io/nkeys

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The NATS Authors  
Copyright 2018-2019 The NATS Authors  
Copyright 2018-2022 The NATS Authors  
Copyright 2022 The NATS Authors

----- (separator) -----  
-----

== Dependency  
github.com/nats-io/nuid

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016-2018 The NATS Authors  
Copyright 2016-2019 The NATS Authors

----- (separator) -----  
-----

== Dependency  
github.com/netsampler/goflow2

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2021, NetSampler

----- (separator) -----  
-----

== Dependency  
github.com/newrelic/newrelic-telemetry-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2019 New Relic Corporation. All rights reserved.  
Copyright 2019 New Relic, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/nsqio/go-nsq

---

== License Type  
SPDX:MIT

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/olivere/elastic

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Joshua Tacoma  
Copyright 2012-2015 Oliver Eilhard. All rights reserved.  
Copyright 2012-2018 Oliver Eilhard. All rights reserved.  
Copyright 2012-2019 Oliver Eilhard. All rights reserved.  
Copyright 2012-present Oliver Eilhard, John Stanford. All rights reserved.  
Copyright 2012-present Oliver Eilhard. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright © 2012-2015 Oliver Eilhard

----- (separator) -----  
-----

== Dependency  
github.com/open-telemetry/opentelemetry-collector-contrib/pkg/pdatautil

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/openconfig/gnmi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2019 Google Inc.  
Copyright 2019 Google LLC.  
Copyright 2020 Google Inc.  
Copyright 2020 Google Inc. All Rights Reserved.  
Copyright 2021 Google Inc.

## Third-Party Notices

---

Copyright 2022 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/go-digest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.  
Copyright 2017 Docker, Inc.  
Copyright 2019, 2020 OCI Contributors  
Copyright 2020, 2020 OCI Contributors  
Copyright © 2016 Docker, Inc.  
Copyright © 2019, 2020 OCI Contributors

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/image-spec

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.  
Copyright 2016 The Linux Foundation  
Copyright 2016 The Linux Foundation.  
Copyright 2016-2022 The Linux Foundation  
Copyright 2017 The Linux Foundation  
Copyright 2018 The Linux Foundation

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/runc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2020 Aleksa Sarai <cyphar@cyphar.com>  
Copyright (C) 2020 SUSE LLC  
Copyright 2012-2015 Docker, Inc.  
Copyright 2014 Docker, Inc.  
Copyright 2016 SUSE LLC  
Copyright 2016, 2017 SUSE LLC  
copyright 2014 Docker, inc.

== Notices  
runc

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<http://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <http://www.bis.doc.gov>

See also <http://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/opensearch-project/opensearch-go](https://github.com/opensearch-project/opensearch-go)/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 OpenSearch Contributors

== Notices  
OpenSearch (<https://opensearch.org/>)  
Copyright 2021 OpenSearch Contributors

This product includes software developed by  
Elasticsearch (<http://www.elastic.co>).

This product includes software developed by The Apache Software  
Foundation (<http://www.apache.org/>).

----- (separator) -----  
-----

== Dependency  
[github.com/opentracing-contrib/go-observer](https://github.com/opentracing-contrib/go-observer)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2017 opentracing-contrib

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/opentracing/opentracing-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The OpenTracing Authors

----- (separator) -----  
-----

== Dependency  
github.com/openzipkin-contrib/zipkin-go-opentracing

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 The OpenZipkin Authors  
Copyright 2022 The OpenZipkin Authors

----- (separator) -----  
-----

== Dependency  
github.com/openzipkin/zipkin-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 The OpenZipkin Authors  
Copyright 2022 The OpenZipkin Authors

----- (separator) -----  
-----

== Dependency  
github.com/p4lang/p4runtime

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/pborman/ansi

== License Type  
Copyright (c) 2013 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google, nor the names of other contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 Google Inc. All rights reserved.

Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/pborman/uuid

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009,2014 Google Inc. All rights reserved.

Copyright 2011 Google Inc. All rights reserved.

Copyright 2014 Google Inc. All rights reserved.

Copyright 2015 Google Inc. All rights reserved.

Copyright 2016 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/philhofer/fwd

== License Type

SPDX:MIT

## Third-Party Notices

---

== Copyright  
Copyright (c) 2014-2015, Philip Hofer

----- (separator) -----  
-----

== Dependency  
github.com/pierrec/lz4/v4

== License Type  
Copyright (c) 2015, Pierre Curto  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of xxHash nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015, Pierre Curto

----- (separator) -----  
-----

---

== Dependency  
github.com/pion/dtls/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2023 The Pion community <https://pion.ly>  
Copyright (c) <year> <copyright holders>

----- (separator) -----  
-----

== Dependency  
github.com/pion/logging

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018

----- (separator) -----  
-----

== Dependency  
github.com/pion/transport/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2023 The Pion community <https://pion.ly>  
Copyright (c) <year> <copyright holders>  
Copyright (c) <year> <owner>.

----- (separator) -----  
-----

== Dependency  
github.com/pkg/browser

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2014, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type

## Third-Party Notices

---

SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/pkg/sftp

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013, Dave Cheney

----- (separator) -----  
-----

== Dependency  
github.com/pkg/xattr

== License Type  
Copyright (c) 2012 Dave Cheney. All rights reserved.  
Copyright (c) 2014 Kuba PodgŹrski. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012 Dave Cheney. All rights reserved.  
Copyright (c) 2014 Kuba PodgŹrski. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/pmezard/go-difflib

== License Type  
Copyright (c) 2013, Patrick Mezard  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2013, Patrick Mezard

----- (separator) -----  
-----

== Dependency  
github.com/prometheus-community/pro-bing

== License Type  
SPDX:MIT

== Copyright  
Copyright 2016 Cameron Sparr and contributors.  
Copyright 2022 The Prometheus Authors

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/prometheus/client\_golang

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright (c) 2015 Bjørn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_model

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common](https://github.com/prometheus/common)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/procfs](https://github.com/prometheus/procfs)

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors  
Copyright 2023 The Prometheus Authors

### == Notices

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[github.com/prometheus/prometheus](https://github.com/prometheus/prometheus)

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2009 The Go Authors  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>  
Copyright (c) 2013, The GoGo Authors.  
Copyright (c) 2014 Ben Johnson  
Copyright (c) 2014 The strutil Authors. All rights reserved.  
Copyright (c) 2015,2016 Damian Gryski <[damian@gryski.com](mailto:damian@gryski.com)>  
Copyright (c) Microsoft Corporation and other contributors  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright 2011 The Snappy-Go Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2012 Matt York  
Copyright 2012 Suryandaru Triandana  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Google Inc.  
Copyright 2013 Matt T. Proud  
Copyright 2013 The Prometheus Authors  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2014 The Prometheus Authors  
Copyright 2015 Jonathan Peterson (@Eonasdan)

---

Copyright 2015 The Prometheus Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices

The Prometheus systems and service monitoring server  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<https://soundcloud.com/>).

The following components are included in this product:

Bootstrap  
<https://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap3-typeahead.js  
<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

fuzzy  
<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

bootstrap-datetimepicker.js  
<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

moment.js  
<https://github.com/moment/moment/>  
Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw  
<https://github.com/shutterstock/rickshaw>  
Copyright 2011-2014 by Shutterstock Images, LLC  
See <https://github.com/shutterstock/rickshaw/blob/master/LICENSE> for  
license details

mustache.js  
<https://github.com/janl/mustache.js>

## Third-Party Notices

---

Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Licensed under the MIT License

jQuery  
<https://jquery.org>  
Copyright jQuery Foundation and other contributors  
Licensed under the MIT License

Protocol Buffers for Go with Gadgets  
<https://github.com/gogo/protobuf/>  
Copyright (c) 2013, The GoGo Authors.  
See source code for license details.

Go support for leveled logs, analogous to  
<https://code.google.com/p/google-glog/>  
Copyright 2013 Google Inc.  
Licensed under the Apache License, Version 2.0

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

DNS library in Go  
<https://miek.nl/2014/august/16/go-dns-package/>  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
See <https://github.com/miekg/dns/blob/master/LICENSE> for license details.

LevelDB key/value database in Go  
<https://github.com/syndtr/goleveldb>  
Copyright 2012 Suryandaru Triandana  
See <https://github.com/syndtr/goleveldb/blob/master/LICENSE> for license details.

gosnappy - a fork of [code.google.com/p/snappy-go](https://code.google.com/p/snappy-go)  
<https://github.com/syndtr/gosnappy>  
Copyright 2011 The Snappy-Go Authors  
See <https://github.com/syndtr/gosnappy/blob/master/LICENSE> for license details.

go-zookeeper - Native ZooKeeper client for Go  
<https://github.com/samuel/go-zookeeper>  
Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>  
See <https://github.com/samuel/go-zookeeper/blob/master/LICENSE> for license details.

Time series compression algorithm from Facebook's Gorilla paper  
<https://github.com/dgryski/go-tsz>  
Copyright (c) 2015,2016 Damian Gryski <[damian@gryski.com](mailto:damian@gryski.com)>  
See <https://github.com/dgryski/go-tsz/blob/master/LICENSE> for license details.

The Go programming language

<https://go.dev/>  
 Copyright (c) 2009 The Go Authors  
 See <https://go.dev/LICENSE> for license details.

The Codicon icon font from Microsoft  
<https://github.com/microsoft/vscode-codicons>  
 Copyright (c) Microsoft Corporation and other contributors  
 See <https://github.com/microsoft/vscode-codicons/blob/main/LICENSE> for  
 license details.

We also use code from a large number of npm packages. For details, see:  
 - <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package.json>  
 - <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package-lock.json>  
 - The individual package licenses as copied from the `node_modules` directory can be found in the `npm_licenses.tar.bz2` archive in release tarballs and Docker images.

----- (separator) -----  
 -----

== Dependency  
[github.com/rabbitmq/amqp091-go](https://github.com/rabbitmq/amqp091-go)

== License Type  
 SPDX:BSD-2-Clause

== Copyright  
 Copyright (c) 2012-2021, Sean Treadway, SoundCloud Ltd.  
 Copyright (c) 2021 VMware, Inc. or its affiliates. All Rights Reserved.  
 Copyright (c) 2022 VMware, Inc. or its affiliates. All Rights Reserved.

----- (separator) -----  
 -----

== Dependency  
[github.com/rcrowley/go-metrics](https://github.com/rcrowley/go-metrics)

== License Type  
 Copyright 2012 Richard Crowley. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY RICHARD CROWLEY ``AS IS'' AND ANY EXPRESS

## Third-Party Notices

---

OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL RICHARD CROWLEY OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Richard Crowley.

== Copyright  
Copyright 2012 Richard Crowley. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/remyoudompheng/bigfft

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/riemann/riemann-go-client

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014 by Christopher Gilbert  
<christopher.john.gilbert@gmail.com>  
Copyright (c) 2014 Christopher Gilbert

----- (separator) -----  
-----

== Dependency  
github.com/robbiet480/go.nut

== License Type  
SPDX:MIT

---

== Copyright  
Copyright (c) 2016 Robbie Trencheny

----- (separator) -----  
-----

== Dependency  
github.com/robfig/cron/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2012 Rob Figueiredo

----- (separator) -----  
-----

== Dependency  
github.com/rogppepe/fastuuid

== License Type  
Copyright © 2014, Roger Peppe  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of this project nor the names of its contributors  
may be used to endorse or promote products derived from this  
software  
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED  
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

== Copyright  
Copyright © 2014, Roger Peppe

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday/v2

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <russ@russross.com>.

----- (separator) -----  
-----

== Dependency  
github.com/safchain/ethtool

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/samber/lo

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Samuel Berthe  
Copyright © 2022 [Samuel Berthe] (<https://github.com/samber>).

----- (separator) -----  
-----

== Dependency  
github.com/samuel/go-zookeeper

== License Type  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright 2012 Google Inc.

----- (separator) -----  
-----

== Dependency

github.com/shirou/gopsutil/v3

== License Type

gopsutil is distributed under BSD license reproduced below.

Copyright (c) 2014, WAKAYAMA Shirou  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the gopsutil authors nor the names of its contributors

## Third-Party Notices

---

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
internal/common/binary.go in the gopsutil is copied and modified from golang/encoding/binary.go.

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2014, WAKAYAMA Shirou  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/shopspring/decimal

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Oguz Bilgic  
Copyright (c) 2015 Spring, Inc.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/showwin/speedtest-go

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 ITO Shogo

----- (separator) -----  
-----

== Dependency

github.com/signalfx/com\_signalfx\_metrics\_protobuf

== License Type

SPDX:Apache-2.0

== Copyright

Copyright © 2015-2017 SignalFx

----- (separator) -----  
-----

== Dependency

github.com/signalfx/gohistogram

== License Type

SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2013 VividCortex  
Copyright (c) 2013 VividCortex, Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/signalfx/golib/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015 Peter Bourgon  
Copyright 2019 Splunk, Inc.  
Copyright © 2015-2019 SignalFx

----- (separator) -----  
-----

== Dependency  
github.com/signalfx/sapm-proto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Splunk, Inc.  
Copyright 2020 Splunk, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/sleepinggenius2/gosmi

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 sleepinggenius2

```
----- (separator) -----
-----

== Dependency
github.com/snowflakedb/gosnowflake

== License Type
SPDX:Apache-2.0

== Copyright
Copyright (c) 2017-2022 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2017-2023 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2018-2022 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2019-2022 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2020-2022 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2021-2022 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2021-2023 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2022 Snowflake Computing Inc. All rights reserved.
Copyright (c) 2023 Snowflake Computing Inc. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/spf13/pflag

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2012 Alex Ogier. All rights reserved.
Copyright (c) 2012 The Go Authors. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/srebhan/protobufquery

== License Type
SPDX:MIT

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/stoewer/go-strcase

== License Type
SPDX:MIT
```

## Third-Party Notices

---

== Copyright

Copyright (c) 2017, A. Stoewer <adrian.stoewer@rz.ifi.lmu.de>  
Copyright (c) 2017, Adrian Stoewer <adrian.stoewer@rz.ifi.lmu.de>

----- (separator) -----  
-----

== Dependency

github.com/stretchchr/objx

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Stretchchr, Inc.  
Copyright (c) 2017-2018 objx contributors

----- (separator) -----  
-----

== Dependency

github.com/stretchchr/testify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

----- (separator) -----  
-----

== Dependency

github.com/testcontainers/testcontainers-go

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-2019 Gianluca Arbezano

----- (separator) -----  
-----

== Dependency

github.com/thomasklein94/packer-plugin-libvirt

== License Type

SPDX:MPL-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

---

== Dependency  
github.com/tidwall/gjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Josh Baker

----- (separator) -----  
-----

== Dependency  
github.com/tidwall/match

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Josh Baker

----- (separator) -----  
-----

== Dependency  
github.com/tidwall/pretty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Josh Baker

----- (separator) -----  
-----

== Dependency  
github.com/tinylib/msgp

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors (license at <http://golang.org>) where  
indicated  
Copyright (c) 2014 Philip Hofer

----- (separator) -----  
-----

== Dependency  
github.com/tklauser/go-sysconf

== License Type  
SPDX:BSD-3-Clause

## Third-Party Notices

---

```
== Copyright
Copyright (c) 2018-2022, Tobias Klauser
Copyright 2018 Tobias Klauser. All rights reserved.
Copyright 2021 Tobias Klauser. All rights reserved.
Copyright 2022 Tobias Klauser. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/tklauser/numcpus
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2018 Tobias Klauser
Copyright 2018-2022 Tobias Klauser
Copyright 2019-2020 Tobias Klauser
Copyright 2021 Tobias Klauser
Copyright 2022 Tobias Klauser
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/uber/jaeger-client-go
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright (c) 2016 Bas van Beek
Copyright (c) 2016 Uber Technologies, Inc.
Copyright (c) 2017 The OpenTracing Authors
Copyright (c) 2017 Uber Technologies, Inc.
Copyright (c) 2017-2018 Uber Technologies, Inc.
Copyright (c) 2018 The Jaeger Authors.
Copyright (c) 2019 The Jaeger Authors
Copyright (c) 2019 The Jaeger Authors.
Copyright (c) 2019 Uber Technologies, Inc.
Copyright (c) 2020 The Jaeger Authors.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/uber/jaeger-lib
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright (c) 2017 The Jaeger Authors.
Copyright (c) 2017 Uber Technologies, Inc.
```

---

Copyright (c) 2018 The Jaeger Authors  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2019 The Jaeger Authors.  
Copyright (c) 2020 The Jaeger Authors.

----- (separator) -----  
-----

== Dependency  
github.com/urfave/cli/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2022 urfave/cli maintainers

----- (separator) -----  
-----

== Dependency  
github.com/vapourismo/knx-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Ole Kröger  
Copyright (c) 2022 mobilarte.  
Copyright 2017 Ole Kröger.  
Copyright 2020 Sven Rebhan.

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netlink

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netns

== License Type  
SPDX:Apache-2.0

== Copyright

## Third-Party Notices

---

Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
github.com/vjeantet/grok

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

----- (separator) -----  
-----

== Dependency  
github.com/wavefronthq/wavefront-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015 Caio Romão Costa Nascimento  
Copyright (c) 2018-2019 VMware, Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/wvanbergen/kafka

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Willem van Bergen

----- (separator) -----  
-----

----- (separator) -----  
-----

== Dependency  
github.com/x448/float16

== License Type  
SPDX:MIT

== Copyright

---

Copyright (c) 2019 Montgomery Edwards448 and Faye Amacker  
Copyright 2019 Montgomery Edwards448 and Faye Amacker

----- (separator) -----  
-----

== Dependency  
github.com/xdg-go/pbkdf2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg-go/scram

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg-go/stringprep

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg/scram

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg/stringprep

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xrash/smetrics

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016 Felipe da Cunha Gonçalves

----- (separator) -----  
-----

== Dependency  
github.com/youmark/pkcs8

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 youmark

----- (separator) -----  
-----

== Dependency  
github.com/yuin/goldmark

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Yusuke Inuzuka

----- (separator) -----  
-----

== Dependency  
github.com/yuin/gopher-lua

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2015 -2017 "" + PackageAuthors  
Copyright (c) 2015 Yusuke Inuzuka

```
----- (separator) -----
-----

== Dependency
github.com/zeebo/xxh3

== License Type
SPDX:BSD-2-Clause

== Copyright
Copyright (c) 2012-2014, Yann Collet
Copyright (c) 2019, Jeff Wendling

----- (separator) -----
-----

== Dependency
go.mongodb.org/mongo-driver

== License Type
SPDX:Apache-2.0

== Copyright
Copyright (C) MongoDB, Inc. 2017-present.
Copyright (C) MongoDB, Inc. 2018-present.
Copyright (C) MongoDB, Inc. 2019-present.
Copyright (C) MongoDB, Inc. 2020-present.
Copyright (C) MongoDB, Inc. 2021-present.
Copyright (C) MongoDB, Inc. 2022-present.
Copyright (C) MongoDB, Inc. 2023-present.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2013 Patrick Mezard. All rights reserved. Use of this source
code is
Copyright 2017 The Go Authors. All rights reserved.
Copyright 2020 Mat Ryer, Tyler Bunnell and all contributors. All rights
reserved.

----- (separator) -----
-----

== Dependency
go.opencensus.io

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2017, OpenCensus Authors
Copyright 2018, OpenCensus Authors
Copyright 2019, OpenCensus Authors
Copyright 2020, OpenCensus Authors

----- (separator) -----
-----

== Dependency
```

## Third-Party Notices

---

go.opentelemetry.io/collector/consumer

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/collector/pdata

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/collector/semconv

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.starlark.net

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017 The Bazel Authors. All rights reserved.  
Copyright (c) 2018 The Bazel Authors.  
Copyright 2017 The Bazel Authors. All rights reserved.  
Copyright 2018 The Bazel Authors. All rights reserved.  
Copyright 2019 The Bazel Authors. All rights reserved.  
Copyright 2020 The Bazel Authors. All rights reserved.  
Copyright 2021 The Bazel Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2020-2022 Uber Technologies, Inc.  
Copyright (c) 2020-2023 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.  
Copyright (c) 2021-2022 Uber Technologies, Inc.  
Copyright (c) 2022 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/multierr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2017-2021 Uber Technologies, Inc.  
Copyright (c) 2017-2023 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.  
Copyright (c) 2023 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/zap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2016-2022 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.  
Copyright (c) 2022 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

## Third-Party Notices

---

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright

## Third-Party Notices

---

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

---

Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sync

## Third-Party Notices

---

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/sys

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2009,2010 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

---

Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this

implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/xerrors

## Third-Party Notices

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.zx2c4.com/wireguard/wgctrl

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2017-2021 WireGuard LLC. All Rights Reserved.  
Copyright (C) 2018-2019 Matt Layher

----- (separator) -----  
-----

== Dependency  
gonum.org/v1/gonum

== License Type

Copyright ©2013 The Gonum Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Gonum project nor the names of its authors and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.  
 Copyright (C) 2014 by Ignace Bogaert \*  
 Copyright (c) 2006 Jeffrey A. Fike  
 Copyright (c) 2012 The Probab Authors. All rights reserved.  
 Copyright (c) 2015, The Chancellor, Masters and Scholars of the University  
 Copyright 1984, 1987, 1989 by Stephen L. Moshier  
 Copyright 1984, 1987, 1989, 1992, 2000 by Stephen L. Moshier  
 Copyright 1984, 1995 by Stephen L. Moshier  
 Copyright 1984, 1996 by Stephen L. Moshier  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright © 2008 World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang)

----- (separator) -----  
 -----

== Dependency

google.golang.org/api

== License Type

SPDX:BSD-3-Clause--modified-by-Google

## Third-Party Notices

---

### == Copyright

Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 Google LLC.  
Copyright 2022 Google LLC. All rights reserved.  
Copyright 2023 Google LLC.

----- (separator) -----  
-----

### == Dependency

google.golang.org/appengine

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2011 Google Inc. All Rights Reserved.  
Copyright 2011 Google Inc. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google Inc. All Rights Reserved.  
Copyright 2012 Google Inc. All rights reserved.  
Copyright 2013 Google Inc. All rights reserved.  
Copyright 2014 Google Inc. All rights reserved.  
Copyright 2015 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google Inc. All Rights Reserved.  
Copyright 2019 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2016 Google Inc.  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC  
Copyright 2023 The Grafeas Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto/googleapis/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Google LLC  
Copyright 2016 Google LLC  
Copyright 2019 Google LLC.  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto/googleapis/rpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.""

Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.""",  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

#### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

#### == Dependency

gopkg.in/errgo.v1

#### == License Type

Copyright © 2013, Roger Peppe  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of this project nor the names of its contributors

## Third-Party Notices

---

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright 2014 Roger Peppe.  
Copyright © 2013, Roger Peppe

----- (separator) -----  
-----

== Dependency  
gopkg.in/fatih/pool.v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Fatih Arslan

----- (separator) -----  
-----

== Dependency  
gopkg.in/fsnotify.v1

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2012 fsnotify Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

----- (separator) -----  
-----

---

== Dependency  
gopkg.in/gorethink/gorethink.v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Daniel Cannon

----- (separator) -----  
-----

== Dependency  
gopkg.in/httprequest.v1

== License Type  
SPDX:LGPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Copyright 2015 Canonical Ltd.  
Copyright 2016 Canonical Ltd.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/ini.v1

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Unknwon  
Copyright 2015 Unknwon  
Copyright 2016 Unknwon  
Copyright 2017 Unknwon  
Copyright 2019 Unknwon

----- (separator) -----  
-----

== Dependency  
gopkg.in/macaroon-bakery.v3

## Third-Party Notices

---

== License Type  
SPDX:LGPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Copyright 2016 Canonical Ltd.  
Copyright © 2014, Roger Peppe, Canonical Inc.

----- (separator) -----  
-----

== Dependency  
gopkg.in/macaroon.v2

== License Type  
Copyright © 2014, Roger Peppe  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of this project nor the names of its contributors  
may be used to endorse or promote products derived from this  
software  
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED  
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright © 2014, Roger Peppe

----- (separator) -----  
-----

---

== Dependency  
gopkg.in/olivere/elastic.v5

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Joshua Tacoma  
Copyright 2012-2015 Oliver Eilhard. All rights reserved.  
Copyright 2012-present Oliver Eilhard, John Stanford. All rights reserved.  
Copyright 2012-present Oliver Eilhard. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright © 2012-2015 Oliver Eilhard

----- (separator) -----  
-----

== Dependency  
gopkg.in/tomb.v1

== License Type  
tomb - support for clean goroutine termination in Go.

Copyright (c) 2010-2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

== Copyright

Copyright (c) 2010-2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

Copyright (c) 2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

----- (separator) -----  
-----

== Dependency

gopkg.in/tomb.v2

== License Type

tomb - support for clean goroutine termination in Go.

Copyright (c) 2010-2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2010-2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

Copyright (c) 2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

----- (separator) -----  
-----

---

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to

## Third-Party Notices

---

use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency  
k8s.io/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.

---

Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
layeh.com/radius

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
modernc.org/libc

== License Type  
Copyright (c) 2017 The Libc Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

## Third-Party Notices

---

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the names of the authors nor the names of the contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### == Copyright

Copyright (C) 1989-2018 Free Software Foundation, Inc.  
Copyright (C) 1989-2020 Free Software Foundation, Inc.  
Copyright (C) 1989-2021 Free Software Foundation, Inc.  
Copyright (C) 1991-2018 Free Software Foundation, Inc.  
Copyright (C) 1991-2020 Free Software Foundation, Inc.  
Copyright (C) 1991-2021 Free Software Foundation, Inc.  
Copyright (C) 1992-2018 Free Software Foundation, Inc.  
Copyright (C) 1992-2020 Free Software Foundation, Inc.  
Copyright (C) 1992-2021 Free Software Foundation, Inc.  
Copyright (C) 1993-2020 Free Software Foundation, Inc.  
Copyright (C) 1993-2021 Free Software Foundation, Inc.  
Copyright (C) 1994-2020 Free Software Foundation, Inc.  
Copyright (C) 1994-2021 Free Software Foundation, Inc.  
Copyright (C) 1995, 1996, 1997, and 1998 WIDE Project.  
Copyright (C) 1995-2020 Free Software Foundation, Inc.  
Copyright (C) 1995-2021 Free Software Foundation, Inc.  
Copyright (C) 1996, 1997, 1998 Theodore Ts'o.  
Copyright (C) 1996-1998 Russell King.  
Copyright (C) 1996-2020 Free Software Foundation, Inc.  
Copyright (C) 1996-2021 Free Software Foundation, Inc.  
Copyright (C) 1996-2021 Free Software Foundation, Inc. This file is part  
of the GNU C Library.  
Copyright (C) 1997-2020 Free Software Foundation, Inc.  
Copyright (C) 1997-2021 Free Software Foundation, Inc.  
Copyright (C) 1998-2020 Free Software Foundation, Inc.  
Copyright (C) 1998-2021 Free Software Foundation, Inc.  
Copyright (C) 1999-2020 Free Software Foundation, Inc.  
Copyright (C) 2000-2020 Free Software Foundation, Inc.  
Copyright (C) 2001 PPC64 Team, IBM Corp  
Copyright (C) 2001-2020 Free Software Foundation, Inc.

---

Copyright (C) 2001-2021 Free Software Foundation, Inc.  
Copyright (C) 2002-2020 Free Software Foundation, Inc.  
Copyright (C) 2002-2021 Free Software Foundation, Inc.  
Copyright (C) 2003-2020 Free Software Foundation, Inc.  
Copyright (C) 2004-2020 Free Software Foundation, Inc.  
Copyright (C) 2009-2020 Free Software Foundation, Inc.  
Copyright (C) 2011-2020 Free Software Foundation, Inc.  
Copyright (C) 2011-2021 Free Software Foundation, Inc.  
Copyright (C) 2012 ARM Ltd.  
Copyright (C) 2012-2020 Free Software Foundation, Inc.  
Copyright (C) 2012-2021 Free Software Foundation, Inc.  
Copyright (C) 2015 Regents of the University of California  
Copyright (C) 2015-2020 Free Software Foundation, Inc.  
Copyright (C) 2016-2020 Free Software Foundation, Inc.  
Copyright (C) 2016-2021 Free Software Foundation, Inc.  
Copyright (C) 2017-2020 Free Software Foundation, Inc.  
Copyright (C) 2017-2021 Free Software Foundation, Inc.  
Copyright (C) 2018-2020 Free Software Foundation, Inc.  
Copyright (C) 2019-2020 Free Software Foundation, Inc.  
Copyright (C) 2019-2021 Free Software Foundation, Inc.  
Copyright (C) 2020 Free Software Foundation, Inc.  
Copyright (C) 2020-2021 Free Software Foundation, Inc.  
Copyright (C) 2021 Free Software Foundation, Inc.  
Copyright (c) 1998 Apple Computer, Inc.  
Copyright (c) 1980, 1983, 1988, 1993  
Copyright (c) 1982, 1985, 1986, 1988, 1993, 1994  
Copyright (c) 1982, 1986, 1989, 1991 Regents of the University of California.  
Copyright (c) 1982, 1986, 1989, 1991, 1993  
Copyright (c) 1982, 1986, 1989, 1993  
Copyright (c) 1982, 1986, 1989, 1993, 1994  
Copyright (c) 1982, 1986, 1990, 1993  
Copyright (c) 1982, 1986, 1990, 1993, 1994  
Copyright (c) 1982, 1986, 1991, 1993  
Copyright (c) 1982, 1986, 1991, 1993, 1994  
Copyright (c) 1982, 1986, 1993  
Copyright (c) 1982, 1986, 1993, 1994  
Copyright (c) 1983, 1990, 1993  
Copyright (c) 1986, 1989, 1991, 1993  
Copyright (c) 1987, 1991 Regents of the University of California.  
Copyright (c) 1987, 1991, 1993  
Copyright (c) 1988 The Regents of the University of California.  
Copyright (c) 1988, 1989, 1993, 1994  
Copyright (c) 1988, 1993  
Copyright (c) 1989 The Regents of the University of California.  
Copyright (c) 1989, 1993  
Copyright (c) 1990 The Regents of the University of California.  
Copyright (c) 1990, 1993  
Copyright (c) 1991 The Regents of the University of California.  
Copyright (c) 1991, 1993  
Copyright (c) 1991, 1993, 1994  
Copyright (c) 1992 NeXT Computer, Inc.  
Copyright (c) 1992, 1993  
Copyright (c) 1993  
Copyright (c) 1993 by Digital Equipment Corporation.  
Copyright (c) 1993, 1994 by Chris Provenzano, proven@mit.edu

## Third-Party Notices

---

Copyright (c) 1994 Brini.  
Copyright (c) 1994-1996 Mark Brinicombe.  
Copyright (c) 1995 NeXT Computer, Inc. All Rights Reserved  
Copyright (c) 1995 NeXT Computer, Inc. All rights reserved.  
Copyright (c) 1995, 1996, 1997, 1998, 1999 Craig Metz. All rights reserved.  
Copyright (c) 1995-1998 by John Birrell <jb@cimlogic.com.au>  
Copyright (c) 1996 The NetBSD Foundation, Inc.  
Copyright (c) 1996 Theo de Raadt  
Copyright (c) 1996, 1997  
Copyright (c) 1997 Apple Computer, Inc. All Rights Reserved  
Copyright (c) 1997 Niklas Hallqvist. All rights reserved.  
Copyright (c) 1997 Peter Wemm <peter@freebsd.org>  
Copyright (c) 1997 Theo de Raadt  
Copyright (c) 1998 The NetBSD Foundation, Inc.  
Copyright (c) 1998, 1999 Apple Computer, Inc. All Rights Reserved  
Copyright (c) 1998, 2000 The NetBSD Foundation, Inc.  
Copyright (c) 1998-1999 Apple Computer, Inc. All Rights Reserved  
Copyright (c) 1999 Marcel Moolenaar  
Copyright (c) 1999 The NetBSD Foundation, Inc.  
Copyright (c) 1999, 2000, 2001, 2002, 2007, 2008 The NetBSD Foundation, Inc.  
Copyright (c) 1999, 2003 The NetBSD Foundation, Inc.  
Copyright (c) 2000 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2000, 2001, 2002 The NetBSD Foundation, Inc.  
Copyright (c) 2000, 2002 - 2008 Apple Inc. All rights reserved.  
Copyright (c) 2000, 2002-2006, 2008-2010, 2012 Apple Inc. All rights reserved.  
Copyright (c) 2000, 2002-2008 Apple Inc. All rights reserved.  
Copyright (c) 2000, 2003-2006, 2008, 2012 Apple Inc. All rights reserved.  
Copyright (c) 2000, 2004-2007, 2009 Apple Inc. All rights reserved.  
Copyright (c) 2000, 2005, 2007, 2009, 2010 Apple Inc. All rights reserved.  
Copyright (c) 2000-2002 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2000-2003 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2000-2004 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2000-2005 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2000-2006 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2000-2007 Apple Inc. All rights reserved.  
Copyright (c) 2000-2008 Apple Inc. All rights reserved.  
Copyright (c) 2000-2009 Apple Inc. All rights reserved.  
Copyright (c) 2000-2009 Apple, Inc. All rights reserved.  
Copyright (c) 2000-2012 Apple Inc. All rights reserved.  
Copyright (c) 2000-2012 Apple, Inc. All rights reserved.  
Copyright (c) 2000-2013 Apple Inc. All rights reserved.  
Copyright (c) 2000-2014 Apple Inc. All rights reserved.  
Copyright (c) 2000-2015, 2017 Mark R. V. Murray  
Copyright (c) 2000-2018 Apple Inc. All rights reserved.  
Copyright (c) 2000-2019 Apple Inc. All rights reserved.  
Copyright (c) 2001 Alexey Zelkin <phantom@FreeBSD.org>  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2001 Mike Barcroft <mike@FreeBSD.org>  
Copyright (c) 2001 The NetBSD Foundation, Inc.  
Copyright (c) 2001, 2002 The NetBSD Foundation, Inc.  
Copyright (c) 2001, 2004 The NetBSD Foundation, Inc.  
Copyright (c) 2001, 2008 The NetBSD Foundation, Inc.  
Copyright (c) 2002 Apple Computer, Inc. All rights reserved.

---

Copyright (c) 2002 Hiten Mahesh Pandya  
Copyright (c) 2002 Marc Espie.  
Copyright (c) 2002 Marcel Moolenaar  
Copyright (c) 2002 Mike Barcroft <mike@FreeBSD.org>  
Copyright (c) 2002 The NetBSD Foundation, Inc.  
Copyright (c) 2002,2005 Marcel Moolenaar  
Copyright (c) 2002-2008, Jeffrey Roberson <jeff@freebsd.org>  
Copyright (c) 2003 Marcel Moolenaar  
Copyright (c) 2003 Peter Wemm  
Copyright (c) 2003 Peter Wemm.  
Copyright (c) 2003-2007 Apple Inc. All rights reserved.  
Copyright (c) 2003-2012 Apple Inc. All rights reserved.  
Copyright (c) 2003-2013 Apple Inc. All rights reserved.  
Copyright (c) 2004 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2004, 2006 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2004, 2008, 2009 Apple Inc. All rights reserved.  
Copyright (c) 2004-2006 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2004-2007 Apple Inc. All rights reserved.  
Copyright (c) 2006-2007 Apple Inc. All rights reserved.  
Copyright (c) 2007-2016 by Apple Inc.. All rights reserved.  
Copyright (c) 2008 Apple Computer, Inc. All rights reserved.  
Copyright (c) 2008 Nokia Corporation  
Copyright (c) 2008, Jeffrey Roberson <jeff@freebsd.org>  
Copyright (c) 2008, Jeffrey Roberson <jeff@freebsd.org>  
Copyright (c) 2008-2018 Apple Inc. All rights reserved.  
Copyright (c) 2008-2020 Apple Inc. All rights reserved.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2010 Apple Inc. All rights reserved.  
Copyright (c) 2010, Oracle America, Inc.  
Copyright (c) 2011 David E. O'Brien <obrien@FreeBSD.org>  
Copyright (c) 2011 The FreeBSD Foundation  
Copyright (c) 2011, 2012 The FreeBSD Foundation  
Copyright (c) 2011-2016 mingw-w64 project  
Copyright (c) 2011-2016 mingw-w64 project  
Copyright (c) 2012 Apple Inc. All rights reserved.  
Copyright (c) 2012 Dominik Honnef  
Copyright (c) 2013-2014 Apple Inc. All rights reserved.  
Copyright (c) 2013-2016 mingw-w64 project  
Copyright (c) 2014 The NetBSD Foundation, Inc.  
Copyright (c) 2016 Apple Inc. All rights reserved.  
Copyright (c) 2016 The NetBSD Foundation, Inc.  
Copyright (c) 2016-2018 Apple Inc. All rights reserved.  
Copyright (c) 2017 Apple Inc. All rights reserved.  
Copyright (c) 2017 The Libc Authors. All rights reserved.  
Copyright (c) 2019 Luke Champagne  
Copyright (c) 2019 by Apple Inc.. All rights reserved.  
Copyright (c) 2021 The FreeBSD Foundation  
Copyright 1995 NeXT Computer, Inc. All rights reserved.  
Copyright 1996 1995 by Open Software Foundation, Inc. 1997 1996 1995 1994  
1993 1992 1991  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2019 The Libc Authors. All rights reserved.  
Copyright 2020 The Libc Authors. All rights reserved.  
Copyright 2021 The Libc Authors. All rights reserved.  
Copyright 2022 The Libc Authors. All rights reserved.  
Copyright 2023 The Libc Authors. All rights reserved.

## Third-Party Notices

---

Copyright © 1993,2004 Sun Microsystems or  
Copyright © 1994 David Burren. It is licensed under a BSD license.  
Copyright © 1999-2019, Arm Limited.  
Copyright © 2001-2008 Ville Laurikari and licensed  
Copyright © 2003-2009 Bruce D. Evans or  
Copyright © 2003-2009 Steven G. Kargl or  
Copyright © 2003-2011 David Schultz or  
Copyright © 2005-2020 Rich Felker, et al.  
Copyright © 2008  
Copyright © 2008 Stephen L. Moshier or  
Copyright © 2011  
Copyright © 2017-2018 Arm Limited  
copyright (c) 2000-2011 Apple Inc. All rights reserved.  
copyright (c) 2000-2018 Apple Inc. All rights reserved. \*/

----- (separator) -----  
-----

== Dependency  
modernc.org/mathutil

== License Type  
Copyright (c) 2014 The mathutil Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the names of the authors nor the names of the  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011 CZ.NIC z.s.p.o. All rights reserved.  
Copyright (c) 2011 jnml. All rights reserved.  
Copyright (c) 2014 The mathutil Authors. All rights reserved.

Copyright (c) 2014 The mersenne Authors. All rights reserved.  
Copyright (c) 2016 The mathutil Authors. All rights reserved.  
Copyright (c) 2018 The mathutil Authors. All rights reserved.  
Copyright (c) jnml. All rights reserved.

----- (separator) -----  
-----

== Dependency  
modernc.org/memory

== License Type  
Copyright (c) 2017 The Memory Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the names of the authors nor the names of the  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2011, Evan Shaw <edsrzf@gmail.com>  
Copyright (c) 2017 The Memory Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 Evan Shaw. All rights reserved.  
Copyright 2017 The Memory Authors. All rights reserved.  
Copyright 2018 The Memory Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
modernc.org/sqlite

## Third-Party Notices

---

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2000-2007 Apple Inc. All rights reserved.  
Copyright (c) 2003-2007 Apple Inc. All rights reserved.  
Copyright (c) 2003-2012 Apple Inc. All rights reserved.  
Copyright (c) 2012 Apple Inc. All rights reserved.  
Copyright (c) 2014 Apple Inc. All rights reserved.  
Copyright (c) 2016 Apple Inc. All rights reserved.  
Copyright (c) 2017 Apple Inc. All rights reserved.  
Copyright (c) 2017 The Sqlite Authors. All rights reserved.  
Copyright (c) 2022 Jim Kalafut  
Copyright 1995 NeXT Computer, Inc. All rights reserved.  
Copyright 2017 The Sqlite Authors. All rights reserved.  
Copyright 2019 The Sqlite Authors. All rights reserved.  
Copyright 2020 The Sqlite Authors. All rights reserved.  
Copyright 2021 The Sqlite Authors. All rights reserved.  
Copyright 2022 The CC Authors. All rights reserved.  
Copyright 2022 The Sqlite Authors. All rights reserved.  
Copyright 2022 The Sqlite Authors. All rights reserved.  
Copyright 2023 The Sqlite Authors. All rights reserved.  
Copyright 2032 The Sqlite Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type  
Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

## Third-Party Notices

---

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency

sigs.k8s.io/yaml

== License Type

The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2014 Sam Ghods  
Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

```
----- (separator) -----
-----
== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and
distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the
copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other
entities that control, are controlled by, or are under common control with
that entity. For the purposes of this definition, ""control"" means (i)
the
power, direct or indirect, to cause the direction or management of such
entity, whether by contract or otherwise, or (ii) ownership of fifty
percent
(50%) or more of the outstanding shares, or (iii) beneficial ownership of
such
entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising
permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation source,
and
configuration files.

""Object"" form shall mean any form resulting from mechanical
transformation or
translation of a Source form, including but not limited to compiled object
code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object
form,
made available under the License, as indicated by a copyright notice that
is
included in or attached to the work (an example is provided in the
Appendix
below).

""Derivative Works"" shall mean any work, whether in Source or Object
form, that
is based on (or derived from) the Work and for which the editorial
revisions,
```

annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except

## Third-Party Notices

---

as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

```
----- (separator) -----
-----
== SPDX:BSD-2-Clause
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
-----
== SPDX:BSD-3-Clause
```

## Third-Party Notices

---

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:EPL-2.0

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations

## Third-Party Notices

---

of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT

PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

----- (separator) -----  
-----  
== SPDX:LGPL-3.0

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, ""this License"" refers to version 3 of the GNU Lesser General Public License, and the ""GNU GPL"" refers to version 3 of the GNU General Public License.

""The Library"" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An ""Application"" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A ""Combined Work"" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the ""Linked Version"".

The ""Minimal Corresponding Source"" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are

---

based on the Application, and not on the Linked Version.

The ""Corresponding Application Code"" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

### 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

```
----- (separator) -----
-----
== SPDX:MIT
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
-----  
== SPDX:MPL-2.0

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become

## Third-Party Notices

---

effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

### 3. Responsibilities

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

#### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

#### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including

copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means,

this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

#### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

#### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or

consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

#### Exhibit B - ""Incompatible With Secondary Licenses"" Notice

This Source Code Form is ""Incompatible With Secondary Licenses"", as defined by the Mozilla Public License, v. 2.0.

```
----- (separator) -----
-----
== SPDX:Unlicense
```

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and

successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

**"InfluxData, Inc.", InfluxDB, 1.8.10,"**

----- Top-level license -----

--

The MIT License (MIT)

Copyright (c) 2013-2016 Errplane Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright (c) 2013-2016 Errplane Inc.

----- Fourth-party information -----

--

All fourth party dependencies found in  
<https://github.com/influxdata/influxdb/blob/v1.8.10/DEPENDENCIES.md>

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #1 NAME : bootstrap 3.3.5

== License Type

MIT

== Copyright Notices

Copyright (c) 2014 Didip Kerabat

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #2 NAME : collectd.org

== License Type

ISC

== Copyright Notices

Copyright (c) 2014 Kimo Rosenbaum

Copyright (c) 2015-2016 Florian Forster

```
----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #3 NAME : github.com/BurntSushi/toml
== License Type
MIT
== Copyright Notices
Copyright (c) 2013 TOML authors

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #4 NAME : github.com/influxdata/roaring
== License Type
Apache 2.0
== Copyright Notices
Copyright 2016-... by the authors.

# This is the official list of roaring authors for copyright purposes.

Todd Gruben (@tgruben),
Daniel Lemire (@lemire),
Elliot Murphy (@statik),
Bob Potter (@bpot),
Tyson Maly (@tvmaly),
Will Glynn (@willglynn),
Brent Pedersen (@brentp)
Maciej Bilas (@maciej),
Joe Nall (@joenall)

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #5 NAME : github.com/beorn7/perks
== License Type
MIT
== Copyright Notices
Copyright (C) 2013 Blake Mizerany

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #6 NAME : github.com/bmizerany/pat
== License Type
MIT
== Copyright Notices
Copyright (C) 2012 by Keith Rarick, Blake Mizerany

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #7 NAME : github.com/boltdb/bolt
== License Type
MIT
== Copyright Notices
Copyright (c) 2013 Ben Johnson

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #8 NAME : github.com/cespare/xxhash
== License Type
```

## Third-Party Notices

---

MIT

== Copyright Notices  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #9 NAME : github.com/clarkduvall/hyperloglog

== License Type

MIT

== Copyright Notices  
none

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #10 NAME : github.com/davecgh/go-spew

== License Type

ISC

== Copyright Notices  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #11 NAME : github.com/dgrijalva/jwt-go

== License Type

MIT

== Copyright Notices  
Copyright (c) 2012 Dave Grijalva

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #12 NAME : github.com/dgryski/go-bits

== License Type

MIT

== Copyright Notices  
Copyright (c) 2015 Damian Gryski <damian@gryski.com>

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #13 NAME : github.com/dgryski/go-bitstream

== License Type

MIT

== Copyright Notices  
Copyright (c) 2015 Damian Gryski <damian@gryski.com>

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #14 NAME : github.com/glycerine/go-unsnap-stream

== License Type

MIT

== Copyright Notices  
Copyright (c) 2014 the go-unsnap-stream authors.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #15 NAME : github.com/gogo/protobuf

== License Type

---

BSD  
== Copyright Notices  
Copyright (c) 2013, The GoGo Authors. All rights reserved.

Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

Copyright 2010 The Go Authors. All rights reserved.  
<https://github.com/golang/protobuf>

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #16 NAME : github.com/golang/protobuf  
== License Type  
BSD  
== Copyright Notices  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #17 NAME : github.com/golang/snappy  
== License Type  
BSD  
== Copyright Notices  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #18 NAME : github.com/google/go-cmp  
== License Type  
BSD  
== Copyright Notices  
Copyright (c) 2017 The Go Authors. All rights reserved.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #19 NAME : github.com/influxdata/influxql  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2013-2016 Errplane Inc.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #20 NAME : github.com/influxdata/usage-client  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2015 Errplane Inc.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #21 NAME : github.com/jsternberg/zap-logfmt  
== License Type  
MIT

## Third-Party Notices

---

== Copyright Notices

Copyright (c) 2017 Jonathan Sternberg

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #22 NAME : github.com/jwilder/encoding

== License Type

MIT

== Copyright Notices

Copyright (c) 2015 Jason Wilder

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #23 NAME : github.com/klauspost/pgzip

== License Type

MIT

== Copyright Notices

Copyright (c) 2014 Klaus Post

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #24 NAME : github.com/mattn/go-isatty

== License Type

MIT

== Copyright Notices

Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #25 NAME :

github.com/matttproud/golang\_protobuf\_extensions

== License Type

Apache 2.0

== Copyright Notices

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #26 NAME : github.com/opentracing/opentracing-go

== License Type

Apache 2.0

== Copyright Notices

none

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #27 NAME : github.com/paulbellamy/ratecounter

== License Type

MIT

== Copyright Notices

Copyright (C) 2012 by Paul Bellamy

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #28 NAME : github.com/peterh/liner

== License Type

---

MIT  
== Copyright Notices  
Copyright © 2012 Peter Harris

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #29 NAME : github.com/philhofer/fwd  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2014-2015, Philip Hofer

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #30 NAME : github.com/prometheus/client\_golang  
== License Type  
MIT  
== Copyright Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Björn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #31 NAME : github.com/prometheus/client\_model  
== License Type  
MIT  
== Copyright Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

## Third-Party Notices

---

```
----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #32 NAME : github.com/prometheus/common
== License Type
Apache 2.0
== Copyright Notices
Common libraries shared by Prometheus Go components.
Copyright 2015 The Prometheus Authors

This product includes software developed at
SoundCloud Ltd. (http://soundcloud.com/).

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #33 NAME : github.com/prometheus/procfs
== License Type
Apache 2.0
== Copyright Notices
procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at
SoundCloud Ltd. (http://soundcloud.com/).

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #34 NAME : github.com/rakyll/statik
== License Type
Apache 2.0
== Copyright Notices
Copyright 2014 Google Inc. All Rights Reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #35 NAME : github.com/retailnext/hllpp
== License Type
BSD
== Copyright Notices
Copyright (c) 2015, RetailNext, Inc.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #36 NAME : github.com/tinylib/msgp
== License Type
MIT
== Copyright Notices
Copyright (c) 2014 Philip Hofer
Portions Copyright (c) 2009 The Go Authors (license at http://golang.org)
where indicated

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #37 NAME : go.uber.org/atomic
== License Type
```

```
MIT
== Copyright Notices
Copyright (c) 2016 Uber Technologies, Inc.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #38 NAME : go.uber.org/multierr
== License Type
MIT
== Copyright Notices
Copyright (c) 2017-2021 Uber Technologies, Inc.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #39 NAME : go.uber.org/zap
== License Type
MIT
== Copyright Notices
Copyright (c) 2017-2021 Uber Technologies, Inc.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #40 NAME : golang.org/x/crypto
== License Type
BSD
== Copyright Notices
Copyright (c) 2009 The Go Authors. All rights reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #41 NAME : golang.org/x/net
== License Type
BSD
== Copyright Notices
Copyright (c) 2009 The Go Authors. All rights reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #42 NAME : golang.org/x/sys
== License Type
BSD
== Copyright Notices
Copyright (c) 2009 The Go Authors. All rights reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #43 NAME : golang.org/x/text
== License Type
BSD
== Copyright Notices
Copyright (c) 2009 The Go Authors. All rights reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #44 NAME : golang.org/x/time
== License Type
```

## Third-Party Notices

---

BSD

== Copyright Notices

Copyright (c) 2009 The Go Authors. All rights reserved.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #45 NAME : jquery 2.1.4

== License Type

MIT

== Copyright Notices

Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #46 NAME : github.com/xlab/treeprint

== License Type

MIT

== Copyright Notices

Copyright © 2016 Maxim Kupriianov <max@kc.vc>

----- (separator) -----

--

== LICENSES

.

== Text of license (ISC)

ISC License

Copyright <YEAR> <OWNER>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies. THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Text of license (WTFPL)

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE Version 2, December 2004

Copyright (C) 2004 Sam Hocevar

Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed. DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION  
0. You just DO WHAT THE FUCK YOU WANT TO.

== Text of license (BSD)

BSD License

Protocol Buffers for Go with Gadgets Copyright (c) 2013, The GoGo Authors. All rights reserved. <http://github.com/gogo/protobuf> Go support

for Protocol Buffers - Google's data interchange format Copyright 2010 The Go Authors. All rights reserved. <https://github.com/golang/protobuf> Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Text of license (Apache 2.0)  
Apache License

Version 2.0, January 2004

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation

source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with

the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]":

replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2014 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

"

Irakli Gozalishvili,querystring,0.2.1," == License  
Copyright 2012 Irakli Gozalishvili

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE

== Copyright Notices  
Copyright 2012 Irakli Gozalishvili

"

**Jack Lukic,semantic-ui,2.5.0,"**

----- Top-level license -----

--

The MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,

## Third-Party Notices

---

and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
=====
== NAME OF DEPENDENCY=====
```

```
del
```

```
== License
```

```
MIT License
```

```
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com)
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY=====
```

```
extend
```

```
== License
```

```
The MIT License (MIT)
```

```
Copyright (c) 2014 Stefan Thomas
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY=====

gulp

== License

The MIT License (MIT)

Copyright (c) 2013-2018 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

gulp-autoprefixer

== License

MIT License

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>  
(<https://sindresorhus.com>)

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-chmod  
== License  
MIT License
```

Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-clean-css  
== License  
Copyright (c) 2019 scniro <scniro@outlook.com>
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-clone  
== License  
The MIT License (MIT)
```

Copyright (c) 2014 Mario Casciaro

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-concat  
== License  
MIT
```

Copyright (c) 2016 Contra <yo@contra.io>

Permission is hereby granted, free of charge, to any person obtaining

## Third-Party Notices

---

a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-concat-css  
== License  
The MIT License (MIT)
```

Copyright (c) 2014 Mario Casciaro

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-copy  
== License  
The MIT License (MIT)
```

Copyright (c) 2014 Klaas Cuvelier

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-dedupe  
== License  
The MIT License (MIT)
```

Copyright (c) 2014 Marat Abdullin

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-flatten  
== License  
The MIT License (MIT)
```

Copyright (c) 2014 Artem Medeusheyev

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-header  
== License  
The MIT License (MIT)
```

Copyright (c) 2013-2015 Michael J. Ryan <tracker1> and GoDaddy.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in

the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

gulp-if

== License

Copyright (c) 2014 [Richardson & Sons, LLC](<http://richardsonandsons.com/>)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

gulp-json-editor

== License

MIT License

Copyright (c) 2021 rejas

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
gulp-less  
== License  
(MIT License)

Copyright (c) 2015 Plus 3 Network dev@plus3network.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
gulp-notify  
== License

Copyright 2014 Mikael Brevik

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
gulp-plumber  
== License  
Copyright 2014 Vsevolod Strukchinsky

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
gulp-print  
== License  
The MIT License (MIT)

Copyright 2014 Alex Gorbachev

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including

## Third-Party Notices

---

without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-rename  
== License  
Copyright 2013 Hector Guillermo Parra Alvarez
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
gulp-replace  
== License  
The MIT License (MIT)
```

Copyright (c) 2013 Larry Davis

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of

the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
gulp-rtlcss  
== License  
License: The MIT License (MIT)

Copyright (c) 2014 James Harrison

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
gulp-uglify  
== License  
Copyright (c) 2013-2017 Terin Stock <terinjokes@gmail.com>

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

jquery

== License

Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

map-stream

== License

The MIT License (MIT)

Copyright (c) 2011 Dominic Tarr

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify,

merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
merge-stream  
== License  
The MIT License (MIT)

Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====  
mkdirp  
== License  
Copyright (c) 2011-2023 James Halliday (mail@substack.net) and Isaac Z. Schlueter (i@izs.me)

This project is free software released under the MIT license:

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

prompt-sui

== License

This project is free software released under the MIT license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== NAME OF DEPENDENCY =====

replace-ext

== License

The MIT License (MIT)

Copyright (c) 2014-2020 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
require-dot-file  
== License  
The MIT License (MIT)
```

Copyright (c) 2015 Jack Lukic

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
wrench-sui  
== License  
The MIT License
```

Copyright (c) 2010 Ryan McGrath

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
== NAME OF DEPENDENCY =====  
yamljs  
== License  
MIT
```

Copyright (c) 2010 Jeremy Faivre

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished

to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Jason Moiron,jmoiron@redhat.com,1.3.5,**

" ----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2013, Jason Moiron

== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Jason R Coombs,setuputils,65.5.0,"Copyright Jason R. Coombs

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"  
Jim Palmer,naturalSort.js,0.8.1-7371332," == License  
The MIT License (MIT)

Copyright (c) 2008-2016 Jim Palmer

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices  
Copyright (c) 2008-2016 Jim Palmer  
"

---

**Jonathan Ong and Douglas Christopher Wilson, cookie-session, 2.0.0, "**

----- Top-Level License -----

-----  
SPDX:MIT

----- Copyright -----

-----  
Copyright (c) 2013 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2014-2017 Douglas Christopher Wilson  
<doug@somethingdoug.com>

----- Fourth Party Dependencies -----

----- Licenses -----

-----  
- MIT

----- (separator) -----

-----  
== Dependency  
cookies

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Jed Schmidt, <http://jed.is/>  
Copyright (c) 2015-2016 Douglas Christopher Wilson  
<doug@somethingdoug.com>

----- (separator) -----

-----  
== Dependency  
debug

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca>

----- (separator) -----

-----  
== Dependency  
depd

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2018 Douglas Christopher Wilson

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
keygrip

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2014 Jed Schmidt <where@jed.is> (<http://jedschmidt.com>)

----- (separator) -----  
-----

== Dependency  
ms

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Vercel, Inc.

----- (separator) -----  
-----

== Dependency  
on-headers

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Douglas Christopher Wilson

----- (separator) -----  
-----

== Dependency  
safe-buffer

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) [Feross Aboukhadijeh] (<http://feross.org>)  
Copyright (c) Feross Aboukhadijeh

----- (separator) -----  
-----

== Dependency  
tsscmp

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2016
```

```
----- Licenses -----
-----
== SPDX:MIT
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Josh Baker,sjson,1.2.5,"**

```
----- Top-Level License -----
-----
SPDX:MIT
```

```
----- Copyright -----
-----
Copyright (c) 2016 Josh Baker
```

```
----- Fourth Party Dependencies -----
-----
```

```
----- Licenses -----
-----
- MIT
```

```
----- (separator) -----
-----
```

## Third-Party Notices

---

== Dependency  
github.com/tidwall/gjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Josh Baker

----- (separator) -----  
-----

== Dependency  
github.com/tidwall/match

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Josh Baker

----- (separator) -----  
-----

== Dependency  
github.com/tidwall/pretty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Josh Baker

----- Licenses -----  
-----

== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Josh Baker,GJSON,1.17.0,"The MIT License (MIT)

Copyright (c) 2016 Josh Baker

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Dependencies:

tidwall/match  
The MIT License (MIT)

Copyright (c) 2016 Josh Baker

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to

## Third-Party Notices

---

use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

tidwall/pretty  
The MIT License (MIT)

Copyright (c) 2017 Josh Baker

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

Joyent,path,0.12.7,"URL for License - <https://opensource.org/licenses/MIT>

URL for Copyright Notice ñ Unable to find URL for Copyright Notice

Copyright Joyent, Inc. and other Node contributors. All rights reserved.

LICENSE NAME: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Fourth party components ñ

- 1) process version 0.11.9 is licensed under MIT, and
- 2) util version 0.10.3 is licensed under MIT.

URL for License ñ <https://opensource.org/licenses/MIT>

Copyright Notice not Provided

LICENSE NAME: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## Third-Party Notices

---

"

Kirill Simonov,pyyaml,6.0.1,"Copyright (c) 2017-2021 Ingy dˆt Net  
Copyright (c) 2006-2016 Kirill Simonov

License name: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

Kris Wallsmith,Buzz - Scripted HTTP browser,1.2.1,"-----  
----- Top-level license -----  
Copyright (c) 2010-2011 Kris Wallsmith

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

see above

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

symfony/deprecation-contracts

== License Type

MIT

== Copyright Notices

Copyright (c) 2020-2022 Fabien Potencier

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

symfony/options-resolver

== License Type

MIT

== Copyright Notices

.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

psr/http-message

## Third-Party Notices

---

== License Type

MIT

== Copyright Notices

Copyright (c) 2014 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

psr/http-factory

== License Type

MIT

== Copyright Notices

MIT License

Copyright (c) 2018 PHP-FIG

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 5

psr/http-client

== License Type

MIT

== Copyright Notices

Copyright (c) 2017 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 6

php-http/promise

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2015 Michael Dowling <mtdowling@gmail.com>  
Copyright (c) 2015 Graham Campbell <hello@gjcampbell.co.uk>  
Copyright (c) 2017 Tobias Schultze <webmaster@tubo-world.de>  
Copyright (c) 2020 Tobias Nyholm <tobias.nyholm@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy

## Third-Party Notices

---

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 7

php-http/httpplug

== License Type

MIT

== Copyright Notices

Copyright (c) 2014 Eric GELOEN <geloen.eric@gmail.com>

Copyright (c) 2015 PHP HTTP Team <team@php-http.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```

"
Leonardo Di Donato,go-urn,1.2.4,"
----- Top-Level License -----
-----
SPDX:MIT

----- Copyright -----
-----
Copyright (c) 2018 Leonardo Di Donato

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- MIT

----- (separator) -----
-----

== Dependency
github.com/leodido/go-urn/tools/removecomments

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2018 Leonardo Di Donato

----- Licenses -----
-----
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the ""Software""), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,

```

## Third-Party Notices

---

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Makina Corpus,Leaflet AlmostOver,1.0.1," == License  
MIT LicenseCopyright (c) 2013 Makina Corpus

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE

== Copyright Notices

MIT LicenseCopyright (c) 2013 Makina Corpus

"

Marijn Haverbeke,CodeMirror,5.65.9,"MIT License

Copyright (C) 2017 by Marijn Haverbeke <marijnh@gmail.com> and others

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**Mat Ryer and Tyler Bunnell, testify, 1.8.3,**

---

```
" ----- Top-level license -----
-----
MIT License
```

Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- Copyright notices -----
--
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.
```

```
----- Fourth-party information -----
--
== NAME OF DEPENDENCY 1
davecgh/go-spew

== License Type
ISC
==License
```

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN

## Third-Party Notices

---

ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Copyright (c) 2013 Dave Collins <dave@davec.name>

Copyright (c) 2013-2016 Dave Collins <dave@davec.name>

Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----

--

== NAME OF DEPENDENCY 2

pmezard/go-difflib

== License Type

BSD-3-Clause

==License

Copyright (c) 2013, Patrick Mezard

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013, Patrick Mezard

----- (separator) -----

--

== NAME OF DEPENDENCY 3

stretchr/objx

== License Type

MIT

== License

Check above for the MIT License Text

== Copyright

Copyright (c) 2014 Stretchr, Inc.

Copyright (c) 2017-2018 objx contributors

----- (separator) -----

--

== NAME OF DEPENDENCY 4

gopkg.in/yaml.v3

== License Type

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

```
    apic.go emitterc.go parserc.go readerc.go scannerc.go
    writerc.go yamlh.go yamlprivateh.go
```

Copyright (c) 2006-2010 Kirill Simonov

Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

## Third-Party Notices

---

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov

Copyright (c) 2006-2011 Kirill Simonov

Copyright (c) 2011-2019 Canonical Ltd

Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License."

**MediaWiki contributors,MediaWiki,1.39.3,**

" ----- Top-level license -----  
-----

== License and copyright information ==

MediaWiki is licensed under the terms of the GNU General Public License, version 2 or later. Derivative works and later versions of the code must be

free software licensed under the same or a compatible license. This includes  
"extensions" that use MediaWiki functions or variables; see  
<https://www.gnu.org/licenses/gpl-faq.html#GPLAndPlugins> for details.

For the full text of version 2 of the license, see  
<https://www.gnu.org/licenses/gpl-2.0.html> or '''GNU General Public License'''  
below.

MediaWiki contributors, including those listed in the CREDITS file, hold the  
copyright to this work.

Some components of MediaWiki imported from other projects may be under other  
Free and Open Source, or Free Culture, licenses. Specific details of their  
licensing information can be found in those components.

Sections of code written exclusively by Lee Crocker or Erik Moeller are also  
released into the public domain, which does not impair the obligations of  
users  
under the GPL for use of the whole code or other sections thereof.

MediaWiki uses the following Creative Commons icons to illustrate links to the  
CC licenses:

- \* [resources/assets/licenses/cc-0.png](#)
- \* [resources/assets/licenses/cc-by-nc-sa.png](#)
- \* [resources/assets/licenses/cc-by-sa.png](#)
- \* [resources/assets/licenses/cc-by.png](#)

These icons are trademarked, and used subject to the CC trademark license,  
available at <https://creativecommons.org/policies#trademark>

== GNU GENERAL PUBLIC LICENSE ==

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. This

## Third-Party Notices

---

General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

== TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION ==

''0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

'''1.''' You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

'''2.''' You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

'''a)''' You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

'''b)''' You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

'''c)''' If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest

your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

'''3.''' You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

'''a)''' Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

'''b)''' Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

'''c)''' Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

'''4.''' You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such

parties remain in full compliance.

'''5. ''' You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

'''6. ''' Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

'''7. ''' If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

'''8. ''' If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among

## Third-Party Notices

---

countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

'''9.''' The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

'''10.''' If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

'''11.''' BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

'''12.''' IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

'''END OF TERMS AND CONDITIONS'''

== How to Apply These Terms to Your New Programs ==

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) <year> <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA
02110-1301, USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program
`Gnomovision' (which makes passes at compilers) written by James
Hacker.
```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

----- Copyright notices -----  
--

(C) Copyright 2017 Kunal Mehta <legoktm@debian.org>  
Copyright (C) 2004 Brion Vibber <brion@pobox.com>  
Copyright (C) 2005 Brion Vibber <brion@pobox.com>  
Copyright (C) 2006 Brion Vibber <brion@pobox.com>  
Copyright (C) 2012 Tamas Imrei <tamas.imrei@gmail.com>  
<https://virtualtee.blogspot.com/>  
Copyright (C) 2015 Wikimedia Foundation and contributors  
Copyright (C) 2017 Kunal Mehta <legoktm@debian.org>  
Copyright (C) 2018 Kunal Mehta <legoktm@debian.org>  
Copyright (c) 2003 Ryan T. Dean <rtdean@cytherianage.net>  
|  
Copyright (c) 2014 PHP Framework Interoperability Group  
Copyright (c) 2019 Wikimedia Foundation.  
Copyright 2004, 2005 Evan Prodromou <evan@wikitravel.org>.  
Copyright 2004, Evan Prodromou <evan@wikitravel.org>.  
Copyright 2014 Wikimedia Foundation and contributors  
Copyright 2015 Ori Livneh  
Copyright 2019 Wikimedia Foundation  
Copyright © 2011 Alexandre Emsenhuber  
Copyright © 2000, 2001 Geoffrey T. Dairiki <dairiki@dairiki.org>  
Copyright © 2002, 2004 Brion Vibber <brion@pobox.com>  
Copyright © 2002-2005 Brion Vibber <brion@pobox.com> et al  
Copyright © 2003 Brion Vibber <brion@pobox.com>  
Copyright © 2003, 2005, 2006 Brion Vibber <brion@pobox.com>  
Copyright © 2003,2005 Brion Vibber <brion@pobox.com>  
Copyright © 2003-2004 Brion Vibber <brion@pobox.com>  
Copyright © 2003-2008 Brion Vibber <brion@pobox.com>  
Copyright © 2004 Brion Vibber <brion@pobox.com>  
Copyright © 2004 Brion Vibber, lcrocker, Tim Starling,  
Copyright © 2004 Gabriel Wicke <wicke@wikidev.net>  
Copyright © 2004, 2010 Brion Vibber <brion@pobox.com>  
Copyright © 2005 Brion Vibber <brion@pobox.com>  
Copyright © 2005 Δvar Arnfj^r□ Bjarmason  
Copyright © 2005 Δvar Arnfj^r□ Bjarmason, 2006 Rob Church  
Copyright © 2005, 2006 Δvar Arnfj^r□ Bjarmason  
Copyright © 2005, Δvar Arnfj^r□ Bjarmason  
Copyright © 2005, Δvar Arnfj^r□ Bjarmason  
Copyright © 2005, Δvar Arnfj^r□ Bjarmason, 2009 Brent Garber  
Copyright © 2005, Δvar Arnfj^r□ Bjarmason, 2009 Brent Garber, 2010 Brian Wolff  
Copyright © 2005, Δvar Arnfj^r□ Bjarmason, Jens Frank <jeluf@gmx.de> and  
Copyright © 2005,2006 Brion Vibber <brion@pobox.com>

Copyright © 2005-2006 Brion Vibber <brion@pobox.com>  
Copyright © 2005-2007 Brion Vibber <brion@pobox.com>  
Copyright © 2006 Brion Vibber <brion@pobox.com>  
Copyright © 2006 Rob Church  
Copyright © 2006 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com""  
Copyright © 2006 Yuri Astrakhan <Firstname><Lastname>@gmail.com  
Copyright © 2006, 2010 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com""  
Copyright © 2006, 2013 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com""  
Copyright © 2006, Niklas Laxstr m  
Copyright © 2006-2007 Greg Sabino Mullane <greg@turnstep.com>  
Copyright © 2006-2007 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com"",  
Copyright © 2007 Iker Labarga ""<Firstname><Lastname>@gmail.com""  
Copyright © 2007 Roan Kattouw ""<Firstname>.<Lastname>@gmail.com""  
Copyright © 2007 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com""  
Copyright © 2008 - 2010 Bryan Tong Minh <Bryan.TongMinh@Gmail.com>  
Copyright © 2008 Brent Garber  
Copyright © 2008 Brion Vibber <brion@wikimedia.org>  
Copyright © 2008 Bryan Tong Minh <Bryan.TongMinh@Gmail.com>  
Copyright © 2008 Guy Van den Broeck <guy@guyvdb.eu>  
Copyright © 2008 Hojjat (aka Huji)  
Copyright © 2008 Roan Kattouw ""<Firstname>.<Lastname>@gmail.com""  
Copyright © 2008 Soxred93  
Copyright © 2008 Soxred93 soxred93@gmail.com,  
Copyright © 2008 Vasiliev Victor vasilvv@gmail.com,  
Copyright © 2008 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com"",  
Copyright © 2008, Danny B.  
Copyright © 2008, Niklas Laxstr m  
Copyright © 2009 Aryeh Gregor  
Copyright © 2009 Roan Kattouw ""<Firstname>.<Lastname>@gmail.com""  
Copyright © 2010 Bryan Tong Minh and Brion Vibber  
Copyright © 2010 Derk-Jan Hartman <hartman@videolan.org>  
Copyright © 2010 Roan Kattouw ""<Firstname>.<Lastname>@gmail.com""  
Copyright © 2010 Sam Reed  
Copyright © 2010 soxred93, Bryan Tong Minh  
Copyright © 2010-2010 Brion Vibber, Derk-Jan Hartman  
Copyright © 2010-2013 Niklas Laxstr m, Siebrand Mazeland  
Copyright © 2011 Alexandre Emsenhuber  
Copyright © 2011 Brian Wolff  
Copyright © 2011 Bryan Tong Minh <Bryan.TongMinh@Gmail.com>  
Copyright © 2011 Ilmari Karonen <nospam@vyznev.net>  
Copyright © 2011 Platonides  
Copyright © 2011 Sam Reed  
Copyright © 2011, Antoine Musso  
Copyright © 2011, Antoine Musso  
Copyright © 2011, Antoine Musso <hashar at free dot fr>  
Copyright © 2011, Santhosh Thottingal  
Copyright © 2011, Wikimedia Foundation  
Copyright © 2011-, Antoine Musso, Stephane Bisson, Matthew Flaschen  
Copyright © 2012 Szymon Swierkosz beau@adres.pl  
Copyright © 2012 Wikimedia Foundation and contributors  
Copyright © 2012 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com""  
Copyright © 2012, Amir E. Aharoni  
Copyright © 2012, Antoine Musso  
Copyright © 2012, Robin Pepermans  
Copyright © 2012, Santhosh Thottingal  
Copyright © 2012-2013, Santhosh Thottingal

## Third-Party Notices

---

Copyright © 2013 Alexandre Emsenhuber  
Copyright © 2013 Brian Wolff  
Copyright © 2013 Mark Holmquist <mtraceur@member.fsf.org>  
Copyright © 2013 Wikimedia Foundation and contributors  
Copyright © 2013 World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang).  
Copyright © 2013 Yuri Astrakhan ""<Firstname><Lastname>@gmail.com""  
Copyright © 2013, Antoine Musso  
Copyright © 2013, Antoine Musso  
Copyright © 2013, Bartosz Dziewonski  
Copyright © 2013, Santhosh Thottingal  
Copyright © 2013, Siebrand Mazeland  
Copyright © 2013, Wikimedia Foundation Inc.  
Copyright © 2013, Wikimedia Foundation Inc.  
Copyright © 2014 MediaWiki developers  
Copyright © 2014 Petr Bena (benapetr@gmail.com)  
Copyright © 2014 Wikimedia Foundation and contributors  
Copyright © 2014, Joel Sahleen  
Copyright © 2015 Brian Wolff  
Copyright © 2015 Geoffrey Mon <geofbot@gmail.com>  
Copyright © 2015 Wikimedia Foundation and contributors  
Copyright © 2015ñ2018 Brian Wolff  
Copyright © 2016 Wikimedia Foundation and contributors  
Copyright © 2017 Antoine Musso <hashar@free.fr>  
Copyright © 2017 Gergo Tisza <tgr.huwiki@gmail.com>  
Copyright © 2017 Justin Du ""<justin.d128@gmail.com>""  
Copyright © 2017 Justin Hileman <justin@justinhileman.info>  
Copyright © 2017 Wikimedia Foundation Inc.  
Copyright © 2019 Wikimedia Foundation Inc.  
Portions created by the Initial Developer are Copyright (C) 2004  
----- Fourth-party information -----  
--  
none  
----- (separator) -----  
--  
== LICENSES  
."  
**Michael Bayer, SQLAlchemy, 1.4.39,**  
" ----- Top-level license -----  
-----  
Copyright 2005-2022 SQLAlchemy authors and contributors <see AUTHORS  
file>.

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the ""Software""), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies  
of the Software, and to permit persons to whom the Software is furnished  
to do  
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all

copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

see above

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

greenlet

== License Type

MIT and PSF

== Copyright Notices

The following files are derived from Stackless Python and are subject to the

same license as Stackless Python:

```
    src/greenlet/slp_platformselect.h
    files in src/greenlet/platform/ directory
```

See LICENSE.PSF and <http://www.stackless.com/> for details.

Unless otherwise noted, the files in greenlet have been released under the following MIT license:

Copyright (c) Armin Rigo, Christian Tismer and contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

## Third-Party Notices

---

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----  
--  
== LICENSES  
.  
== Text of license (PSF)  
PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2  
-----
```

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and

Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

"

**Michael Dowling, guzzle, 7.8.0,**

" ----- Top-level license -----  
-----

The MIT License (MIT)

Copyright (c) 2011 Michael Dowling <mtdowling@gmail.com>  
 Copyright (c) 2012 Jeremy Lindblom <jeremeamia@gmail.com>  
 Copyright (c) 2014 Graham Campbell <hello@gjcampbell.co.uk>  
 Copyright (c) 2015 Mark Sagi-Kazar <mark.sagikazar@gmail.com>  
 Copyright (c) 2015 Tobias Schultze <webmaster@tubo-world.de>  
 Copyright (c) 2016 Tobias Nyholm <tobias.nyholm@gmail.com>  
 Copyright (c) 2016 George Mponos <gmponos@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

same as top-level license

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1  
 symfony/deprecation-contracts  
 == License Type  
 MIT  
 == Copyright Notices

## Third-Party Notices

---

Copyright (c) 2020-2022 Fabien Potencier

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
--  
== NAME OF DEPENDENCY 2  
psr/http-message  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2014 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

psr/http-client

== License Type

MIT

== Copyright Notices

Copyright (c) 2017 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

ralouphie/getallheaders

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2014 Ralph Khattar

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all

## Third-Party Notices

---

copies or substantial portions of the Software.  
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 5

psr/http-factory

== License Type

MIT

== Copyright Notices

MIT License

Copyright (c) 2018 PHP-FIG

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 6

guzzlehttp/psr7

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2015 Michael Dowling <mtdowling@gmail.com>  
 Copyright (c) 2015 Mark Sagi-Kazar <mark.sagikazar@gmail.com>  
 Copyright (c) 2015 Graham Campbell <hello@gjccampbell.co.uk>  
 Copyright (c) 2016 Tobias Schultze <webmaster@tubo-world.de>  
 Copyright (c) 2016 George Mponos <gmponos@gmail.com>  
 Copyright (c) 2018 Tobias Nyholm <tobias.nyholm@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 7  
 guzzlehttp/promises  
 == License Type  
 MIT  
 == Copyright Notices  
 The MIT License (MIT)

Copyright (c) 2015 Michael Dowling <mtdowling@gmail.com>  
 Copyright (c) 2015 Graham Campbell <hello@gjccampbell.co.uk>  
 Copyright (c) 2017 Tobias Schultze <webmaster@tubo-world.de>  
 Copyright (c) 2020 Tobias Nyholm <tobias.nyholm@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in

## Third-Party Notices

---

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 8

guzzlehttp/guzzle

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2011 Michael Dowling <mtdowling@gmail.com>  
Copyright (c) 2012 Jeremy Lindblom <jeremeamia@gmail.com>  
Copyright (c) 2014 Graham Campbell <hello@gjcampbell.co.uk>  
Copyright (c) 2015 Mark Sagi-Kazar <mark.sagikazar@gmail.com>  
Copyright (c) 2015 Tobias Schultze <webmaster@tubo-world.de>  
Copyright (c) 2016 Tobias Nyholm <tobias.nyholm@gmail.com>  
Copyright (c) 2016 George Mponos <gmponos@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**Michael Leibman & Ben McIntyre, SlickGrid, 3.0.2,**

" ----- Top-level license -----

-----

(The MIT License)

Copyright (c) 2009-2019 Michael Leibman and Ben McIntyre,  
<http://github.com/6pac/slickgrid>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----  
--

Copyright (c) 2009-2019 Michael Leibman and Ben McIntyre,  
<http://github.com/6pac/slickgrid>

----- Fourth-party information -----  
-----

== NAME OF DEPENDENCY 1

jQuery

== License

Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

## Third-Party Notices

---

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

== NAME OF DEPENDENCY 1

sortablejs

== License

Copyright (c) 2019 All contributors to Sortable

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright (c) 2019 All contributors to Sortable

"

**Node Fetch Team,node-fetch,3.3.0,**

" ----- Top-level license -----

-----

The MIT License (MIT)

Copyright (c) 2016 - 2020 Node Fetch Team

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright (c) 2016 - 2020 Node Fetch Team

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

data-uri-to-buffer

== License Type

MIT

== Copyright Notices

(The MIT License)

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

fetch-blob

## Third-Party Notices

---

```
== License Type
MIT
== Copyright Notices
MIT License
```

Copyright (c) 2019 David Frank

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

```
--
== NAME OF DEPENDENCY 3
node-domexception
== License Type
MIT
== Copyright Notices
MIT License
```

Copyright (c) 2021 Jimmy W€rting

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

web-streams-polyfill

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2020 Mattias Buelens

Copyright (c) 2016 Diwank Singh Tomer

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

formdata-polyfill

== License Type

MIT

== Copyright Notices

## Third-Party Notices

---

MIT License

Copyright (c) 2016 Jimmy Karl Roland Wörting

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Node.js Foundation, Node.js, 16.20.2-1.0.1, "Node.js is licensed for use as follows:

""""""

Copyright Node.js contributors. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING

FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS  
IN THE SOFTWARE.  
""""""

This license applies to parts of Node.js originating from the  
<https://github.com/joyent/node> repository:

""""""

Copyright Joyent, Inc. and other Node contributors. All rights reserved.  
Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the ""Software""), to  
deal in the Software without restriction, including without limitation the  
rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or  
sell copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS  
IN THE SOFTWARE.  
""""""

The Node.js license applies to all parts of Node.js that are not  
externally  
maintained libraries.

The externally maintained libraries used by Node.js are:

- Acorn, located at `deps/acorn`, is licensed as follows:

""""""

MIT License

Copyright (C) 2012-2020 by various contributors (see AUTHORS)

Permission is hereby granted, free of charge, to any person obtaining  
a copy  
of this software and associated documentation files (the  
""Software""), to deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or  
sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
"\*\*\*\*\*"

- c-ares, located at deps/cares, is licensed as follows:  
"\*\*\*\*\*"

Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS file.

Copyright 1998 by the Massachusetts Institute of Technology.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that

the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.  
"\*\*\*\*\*"

- cjs-module-lexer, located at deps/cjs-module-lexer, is licensed as follows:  
"\*\*\*\*\*"

MIT License  
-----

Copyright (C) 2018-2020 Guy Bedford

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish,

distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- ICU, located at deps/icu-small, is licensed as follows:

\*\*\*\*\*

COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in

<https://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation

(the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files

or Software are furnished to do so, provided that either  
 (a) this copyright and permission notice appear with all copies of the Data Files or Software, or  
 (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF

ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL

DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

-----  
Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

1. ICU License - ICU 1.8.1 to ICU 57.1

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation  
and others  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

```
# The Google Chrome software developed by Google is licensed
under
# the BSD license. Other software included in this distribution is
# provided under other licenses, as set forth below.
#
# The BSD License
# http://opensource.org/licenses/bsd-license.php
# Copyright (C) 2006-2008, Google Inc.
#
```

```

# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions
are met:
#
# Redistributions of source code must retain the above copyright
notice,
# this list of conditions and the following disclaimer.
# Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following
# disclaimer in the documentation and/or other materials provided
with
# the distribution.
# Neither the name of Google Inc. nor the names of its
# contributors may be used to endorse or promote products derived
from
# this software without specific prior written permission.
#
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
# CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
BE
# LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
# CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
OF
# SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
# BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
# LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING
# NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
# SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
#
#
# The word list in cjdict.txt are generated by combining three word
lists
# listed below with further processing for compound word breaking.
The
# frequency is generated with an iterative training against Google
web
# corpora.
#
# * Libtabe (Chinese)
#   - https://sourceforge.net/project/?group\_id=1519
#   - Its license terms and conditions are shown below.
#
# * IPADIC (Japanese)
#   - http://chasen.aist-nara.ac.jp/chasen/distribution.html
#   - Its license terms and conditions are shown below.
#
# -----COPYING.libtabe ---- BEGIN-----
#
# /*

```

## Third-Party Notices

---

```
# * Copyright (c) 1999 TaBE Project.
# * Copyright (c) 1999 Pai-Hsiang Hsiao.
# * All rights reserved.
# *
# * Redistribution and use in source and binary forms, with or
without
# * modification, are permitted provided that the following
conditions
# * are met:
# *
# * . Redistributions of source code must retain the above
copyright
# * notice, this list of conditions and the following disclaimer.
# * . Redistributions in binary form must reproduce the above
copyright
# * notice, this list of conditions and the following disclaimer
in
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the TaBE Project nor the names of its
# * contributors may be used to endorse or promote products
derived
# * from this software without specific prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
# /*
# * Copyright (c) 1999 Computer Systems and Communication Lab,
# * Institute of Information Science, Academia
# * Sinica. All rights reserved.
# *
# * Redistribution and use in source and binary forms, with or
without
# * modification, are permitted provided that the following
conditions
# * are met:
# *
```

```

# * . Redistributions of source code must retain the above
copyright
# * notice, this list of conditions and the following disclaimer.
# * . Redistributions in binary form must reproduce the above
copyright
# * notice, this list of conditions and the following disclaimer
in
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the Computer Systems and Communication
Lab
# * nor the names of its contributors may be used to endorse or
# * promote products derived from this software without specific
# * prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
#
# Copyright 1996 Chih-Hao Tsai @ Beckman Institute,
# University of Illinois
# c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4
#
# -----COPYING.libtabe-----END-----
----
#
#
# -----COPYING.ipadic-----BEGIN-----
----
#
# Copyright 2000, 2001, 2002, 2003 Nara Institute of Science
# and Technology. All Rights Reserved.
#
# Use, reproduction, and distribution of this software is permitted.
# Any copy of this software, whether in its original form or
modified,
# must include both the above copyright notice and the following
# paragraphs.
#

```

## Third-Party Notices

---

```
# Nara Institute of Science and Technology (NAIST),
# the copyright holders, disclaims all warranties with regard to
this
# software, including all implied warranties of merchantability and
# fitness, in no event shall NAIST be liable for
# any special, indirect or consequential damages or any damages
# whatsoever resulting from loss of use, data or profits, whether in
an
# action of contract, negligence or other tortuous action, arising
out
# of or in connection with the use or performance of this software.
#
# A large portion of the dictionary entries
# originate from ICOT Free Software. The following conditions for
ICOT
# Free Software applies to the current dictionary as well.
#
# Each User may also freely distribute the Program, whether in its
# original form or modified, to any third party or parties, PROVIDED
# that the provisions of Section 3 ("NO WARRANTY") will ALWAYS
appear
# on, or be attached to, the Program, which is distributed
substantially
# in the same form as set out herein and that such intended
# distribution, if actually made, will neither violate or otherwise
# contravene any of the laws and regulations of the countries having
# jurisdiction over the User or the intended distribution itself.
#
# NO WARRANTY
#
# The program was produced on an experimental basis in the course of
the
# research and development conducted during the project and is
provided
# to users as so produced on an experimental basis. Accordingly,
the
# program is provided without any warranty whatsoever, whether
express,
# implied, statutory or otherwise. The term "warranty" used
herein
# includes, but is not limited to, any warranty of the quality,
# performance, merchantability and fitness for a particular purpose
of
# the program and the nonexistence of any infringement or violation
of
# any right of any third party.
#
# Each user of the program will agree and understand, and be deemed
to
# have agreed and understood, that there is no warranty whatsoever
for
# the program and, accordingly, the entire risk arising from or
# otherwise connected with the program is assumed by the user.
#
# Therefore, neither ICOT, the copyright holder, or any other
# organization that participated in or was otherwise related to the
```

```

# development of the program and their respective officials,
directors,
# officers and other employees shall be held liable for any and all
# damages, including, without limitation, general, special,
incidental
# and consequential damages, arising out of or otherwise in
connection
# with the use or inability to use the program or any product,
material
# or result produced or otherwise obtained by using the program,
# regardless of whether they have been advised of, or otherwise had
# knowledge of, the possibility of such damages at any time during
the
# project or thereafter. Each user will be deemed to have agreed to
the
# foregoing by his or her commencement of use of the program. The
term
# "use" as used herein includes, but is not limited to, the use,
# modification, copying and distribution of the program and the
# production of secondary products from the program.
#
# In the case where the program, whether in its original form or
# modified, was distributed or delivered to or received by a user
from
# any person, organization or entity other than ICOT, unless it
makes or
# grants independently of ICOT any specific warranty to the user in
# writing, such person, organization or entity, will also be
exempted
# from and not be held liable to the user for any such damages as
noted
# above as far as the program is concerned.
#
# -----COPYING.ipadic-----END-----
-----

```

### 3. Lao Word Break Dictionary Data (laodict.txt)

```

# Copyright (C) 2016 and later: Unicode, Inc. and others.
# License & terms of use: http://www.unicode.org/copyright.html
# Copyright (c) 2015 International Business Machines Corporation
# and others. All Rights Reserved.
#
# Project: https://github.com/rober42539/lao-dictionary
# Dictionary: https://github.com/rober42539/lao-dictionary/laodict.txt
# License: https://github.com/rober42539/lao-dictionary/LICENSE.txt
# (copied below)
#
# This file is derived from the above dictionary version of Nov 22,
2020
# -----
-----
# Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.
# All rights reserved.
#

```

## Third-Party Notices

---

```
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions
are met:
#
# Redistributions of source code must retain the above copyright
notice, this
# list of conditions and the following disclaimer. Redistributions
in binary
# form must reproduce the above copyright notice, this list of
conditions and
# the following disclaimer in the documentation and/or other
materials
# provided with the distribution.
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
# INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# OF THE POSSIBILITY OF SUCH DAMAGE.
# -----
```

#### 4. Burmese Word Break Dictionary Data (burmesedict.txt)

```
# Copyright (c) 2014 International Business Machines Corporation
# and others. All Rights Reserved.
#
# This list is part of a project hosted at:
#   github.com/kanyawtech/myanmar-karen-word-lists
# -----
```

```
# Copyright (c) 2013, LeRoy Benjamin Sharon
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions
# are met: Redistributions of source code must retain the above
# copyright notice, this list of conditions and the following
# disclaimer. Redistributions in binary form must reproduce the
# above copyright notice, this list of conditions and the following
# disclaimer in the documentation and/or other materials provided
# with the distribution.
#
# Neither the name Myanmar Karen Word Lists, nor the names of its
# contributors may be used to endorse or promote products derived
# from this software without specific prior written permission.
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
```

```

# CONTRIBUTORS ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES,
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS
# BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
# EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
# TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
# DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
# ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
# TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF
# THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
# SUCH DAMAGE.
# -----

```

## 5. Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

```

# 7. Database Ownership
#
# The TZ database itself is not an IETF Contribution or an IETF
# document. Rather it is a pre-existing and regularly updated
work
# that is in the public domain, and is intended to remain in the
# public domain. Therefore, BCPS 78 [RFC5378] and 79 [RFC3979] do
# not apply to the TZ Database or contributions that individuals
make
# to it. Should any claims be made and substantiated against the
TZ
# Database, the organization that is providing the IANA
# Considerations defined in this RFC, under the memorandum of
# understanding with the IETF, currently ICANN, may act in
accordance
# with all competent court orders. No ownership claims will be
made
# by ICANN or the IETF Trust on the database or the code. Any
person
# making a contribution to the database or code waives all rights
to
# future claims in that contribution or in the TZ Database.

```

## 6. Google double-conversion

Copyright 2006–2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- libuv, located at deps/uv, is licensed as follows:

\*\*\*\*\*

libuv is licensed for use as follows:

====

Copyright (c) 2015-present libuv project contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

---

This license applies to parts of libuv originating from the <https://github.com/joyent/libuv> repository:

====

Copyright Joyent, Inc. and other Node contributors. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

This license applies to all parts of libuv that are not externally maintained libraries.

The externally maintained libraries used by libuv are:

- tree.h (from FreeBSD), copyright Niels Provos. Two clause BSD license.
- inet\_pton and inet\_ntop implementations, contained in src/inet.c, are copyright the Internet Systems Consortium, Inc., and licensed under the ISC license.
- stdint-msvc2008.h (from msinttypes), copyright Alexander Chemeris. Three clause BSD license.

## Third-Party Notices

---

- pthread-fixes.c, copyright Google Inc. and Sony Mobile Communications AB.  
Three clause BSD license.

- android-ifaddrs.h, android-ifaddrs.c, copyright Berkeley Software Design Inc, Kenneth MacKay and Emergya (Cloud4all, FP7/2007-2013, grant agreement n° 289016). Three clause BSD license.  
""""""

- llhttp, located at deps/llhttp, is licensed as follows:  
""""""

This software is licensed under the MIT License.

Copyright Fedor Indutny, 2018.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN

NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
""""""

- corepack, located at deps/corepack, is licensed as follows:  
""""""

\*\*Copyright © Corepack contributors\*\*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- undici, located at deps/undici, is licensed as follows:

\*\*\*\*\*

MIT License

Copyright (c) Matteo Collina and Undici contributors

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

\*\*\*\*\*

- OpenSSL, located at deps/openssl, is licensed as follows:

\*\*\*\*\*

Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software must display the following acknowledgment:  
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"

4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).

5. Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.

6. Redistributions of any form whatsoever must retain the following acknowledgment:  
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This product includes cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)). This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).

\*\*\*\*\*

- Punycode.js, located at `lib/punycode.js`, is licensed as follows:

\*\*\*\*\*

Copyright Mathias Bynens <<https://mathiasbynens.be/>>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- V8, located at deps/v8, is licensed as follows:

\*\*\*\*\*

This license applies to all parts of V8 that are not externally maintained libraries. The externally maintained libraries used by V8 are:

- PCRE test suite, located in test/mjsunit/third\_party/regexp-pcre/regexp-pcre.js. This is based on the test suite from PCRE-7.3, which is copyrighted by the University of Cambridge and Google, Inc. The copyright notice and license are embedded in regexp-pcre.js.
- Layout tests, located in test/mjsunit/third\_party/object-keys. These are based on layout tests from webkit.org which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.
- Strongtalk assembler, the basis of the files assembler-arm-inl.h, assembler-arm.cc, assembler-arm.h, assembler-ia32-inl.h, assembler-ia32.cc, assembler-ia32.h, assembler-x64-inl.h, assembler-x64.cc, assembler-x64.h, assembler-mips-inl.h, assembler-mips.cc, assembler-mips.h, assembler.cc and assembler.h. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.
- Valgrind client API header, located at src/third\_party/valgrind/valgrind.h. This is released under the BSD license.
- The Wasm C/C++ API headers, located at third\_party/wasm-api/wasm.{h,hh}. This is released under the Apache license. The API's upstream prototype implementation also formed the basis of V8's implementation in src/wasm/c-api.cc.

These libraries have their own licenses; we recommend you read them, as their terms may differ from the terms below.

Further license information can be found in LICENSE files located in sub-directories.

Copyright 2014, the V8 project authors. All rights reserved.  
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following  
disclaimer in the documentation and/or other materials provided  
with the distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived  
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- SipHash, located at `deps/v8/src/third_party/siphash`, is licensed as  
follows:

\*\*\*\*\*

SipHash reference C implementation

Copyright (c) 2016 Jean-Philippe Aumasson  
<jeanphilippe.aumasson@gmail.com>

To the extent possible under law, the author(s) have dedicated all  
copyright and related and neighboring rights to this software to the  
public

domain worldwide. This software is distributed without any warranty.

\*\*\*\*\*

- zlib, located at `deps/zlib`, is licensed as follows:

\*\*\*\*\*

`zlib.h` -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied  
warranty. In no event will the authors be held liable for any damages  
arising from the use of this software.

Permission is granted to anyone to use this software for any purpose,  
including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly	Mark Adler
jloup@gzip.org	madler@alumni.caltech.edu
*****	

- npm, located at deps/npm, is licensed as follows:  
\*\*\*\*\*

The npm application  
Copyright (c) npm, Inc. and Contributors  
Licensed on the terms of The Artistic License 2.0

Node package dependencies of the npm application  
Copyright (c) their respective copyright owners  
Licensed on their respective license terms

The npm public registry at <https://registry.npmjs.org>  
and the npm website at <https://www.npmjs.com>  
Operated by npm, Inc.  
Use governed by terms published on <https://www.npmjs.com>

""Node.js""  
Trademark Joyent, Inc., <https://joyent.com>  
Neither npm nor npm, Inc. are affiliated with Joyent, Inc.

The Node.js application  
Project of Node Foundation, <https://nodejs.org>

The npm Logo  
Copyright (c) Mathias Pettersson and Brian Hammond

""Gubblebum Blocky"" typeface  
Copyright (c) Tjarda Koster, <https://jelloween.deviantart.com>  
Used with permission

-----

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

and ""Modified Version"" means the Package, if it has been changed, such changes were not explicitly requested by the Copyright Holder.

with ""Original License"" means this Artistic License as Distributed the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor

Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty:  
 THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "'AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 """"""

- GYP, located at tools/gyp, is licensed as follows:

""""""

Copyright (c) 2020 Node.js contributors. All rights reserved.  
 Copyright (c) 2009 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "'AS IS'" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

```

""""""
- inspector_protocol, located at tools/inspector_protocol, is licensed as
follows:
""""""
    // Copyright 2016 The Chromium Authors. All rights reserved.
    //
    // Redistribution and use in source and binary forms, with or without
    // modification, are permitted provided that the following conditions
are
    // met:
    //
    // * Redistributions of source code must retain the above copyright
    // notice, this list of conditions and the following disclaimer.
    // * Redistributions in binary form must reproduce the above
    // copyright notice, this list of conditions and the following
disclaimer
    // in the documentation and/or other materials provided with the
    // distribution.
    // * Neither the name of Google Inc. nor the names of its
    // contributors may be used to endorse or promote products derived
from
    // this software without specific prior written permission.
    //
    // THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
    // ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
    // LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR
    // A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT
    // OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL,
    // SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
    // LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE,
    // DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY
    // THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
    // (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE
    // OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
""""""
```

- jinja2, located at tools/inspector\_protocol/jinja2, is licensed as follows:

```
""""""
Copyright (c) 2009 by the Jinja Team, see AUTHORS for more details.
```

Some rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

```
* Redistributions of source code must retain the above copyright
```

notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- markupsafe, located at tools/inspector\_protocol/markupsafe, is licensed as follows:

\*\*\*\*\*

Copyright (c) 2010 by Armin Ronacher and contributors. See AUTHORS for more details.

Some rights reserved.

Redistribution and use in source and binary forms of the software as well as documentation, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

## Third-Party Notices

---

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE AND DOCUMENTATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- cpplint.py, located at tools/cpplint.py, is licensed as follows:

\*\*\*\*\*

Copyright (c) 2009 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- ESLint, located at tools/node\_modules/eslint, is licensed as follows:

\*\*\*\*\*

Copyright JS Foundation and other contributors, <https://js.foundation>

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the

"Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or

sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- gtest, located at deps/googletest, is licensed as follows:

\*\*\*\*\*

Copyright 2008, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- nghttp2, located at deps/nghttp2, is licensed as follows:

\*\*\*\*\*

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa  
Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- large\_pages, located at src/large\_pages, is licensed as follows:

\*\*\*\*\*

Copyright (C) 2018 Intel Corporation

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- caja, located at lib/internal/freeze\_intrinsics.js, is licensed as follows:

\*\*\*\*\*

Adapted from SES/Caja - Copyright (C) 2011 Google Inc.  
Copyright (C) 2018 Agoric

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

\*\*\*\*\*

- brotli, located at deps/brotli, is licensed as follows:

\*\*\*\*\*

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

Permission is hereby granted, free of charge, to any person obtaining  
a copy

of this software and associated documentation files (the  
"Software"), to deal

in the Software without restriction, including without limitation the  
rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or  
sell

copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be  
included in

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT  
SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,  
ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS  
IN

THE SOFTWARE.

\*\*\*\*\*

- HdrHistogram, located at deps/histogram, is licensed as follows:

\*\*\*\*\*

## Third-Party Notices

---

The code in this repository code was Written by Gil Tene, Michael Barker,  
and Matt Warren, and released to the public domain, as explained at  
<http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the "BSD"  
license  
rather than under the public domain or CC0 contribution text mentioned  
above, the code found under this directory is \*also\* provided under  
the  
following license (commonly referred to as the BSD 2-Clause License).  
This  
license does not detract from the above stated release of the code  
into  
the public domain, and simply represents an additional license granted  
by  
the Author.

-----  
-----  
\*\* Beginning of "BSD 2-Clause License" text. \*\*

Copyright (c) 2012, 2013, 2014 Gil Tene  
Copyright (c) 2014 Michael Barker  
Copyright (c) 2014 Matt Warren  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

1. Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,  
THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR  
CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF  
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR  
BUSINESS  
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER  
IN

---

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- highlight.js, located at doc/api\_assets/highlight.pack.js, is licensed as follows:

\*\*\*\*\*

BSD 3-Clause License

Copyright (c) 2006, Ivan Sagalaev.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- node-heapdump, located at src/heap\_utils.cc, is licensed as follows:

\*\*\*\*\*

## Third-Party Notices

---

ISC License

Copyright (c) 2012, Ben Noordhuis <info@bnoordhuis.nl>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

ISC License

Copyright (c) 2014, StrongLoop Inc.

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*\*\*\*\*

- rimraf, located at lib/internal/fs/rimraf.js, is licensed as follows:

\*\*\*\*\*

The ISC License

Copyright (c) Isaac Z. Schlueter and Contributors

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*\*\*\*\*

- uvwasi, located at deps/uvwasi, is licensed as follows:

\*\*\*\*\*

MIT License

Copyright (c) 2019 Colin Ihrig and Contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- ngtcp2, located at deps/ngtcp2/ngtcp2/, is licensed as follows:

\*\*\*\*\*

The MIT License

Copyright (c) 2016 ngtcp2 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- nghttp3, located at deps/ngtcp2/nghttp3/, is licensed as follows:

\*\*\*\*\*

The MIT License

Copyright (c) 2019 nghttp3 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- node-fs-extra, located at lib/internal/fs/cp, is licensed as follows:

\*\*\*\*\*

(The MIT License)

Copyright (c) 2011-2017 JP Richardson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

**Node.js contributors, Node.js, 20.10.0,**

"-----Top Level

License-----

Node.js

Node.js is licensed for use as follows:

\*\*\*\*\*

Copyright Node.js contributors. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

This license applies to parts of Node.js originating from the <https://github.com/joyent/node> repository:

\*\*\*\*\*

Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
"\*\*\*\*\*"

The Node.js license applies to all parts of Node.js that are not externally maintained libraries.

The externally maintained libraries used by Node.js are:

- Acorn, located at deps/acorn, is licensed as follows:

"\*\*\*\*\*"

MIT License

Copyright (C) 2012-2022 by various contributors (see AUTHORS)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
"\*\*\*\*\*"

- c-ares, located at deps/cares, is licensed as follows:

\*\*\*\*\*

MIT License

Copyright (c) 1998 Massachusetts Institute of Technology

Copyright (c) 2007 - 2023 Daniel Stenberg with many contributors, see

AUTHORS

file.

Permission is hereby granted, free of charge, to any person obtaining a copy of

this software and associated documentation files (the "Software"), to deal in

the Software without restriction, including without limitation the rights to

use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of

the Software, and to permit persons to whom the Software is furnished to do so,

subject to the following conditions:

The above copyright notice and this permission notice (including the next

paragraph) shall be included in all copies or substantial portions of the

Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,

ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

\*\*\*\*\*

- cjs-module-lexer, located at deps/cjs-module-lexer, is licensed as follows:

\*\*\*\*\*

MIT License

-----

Copyright (C) 2018-2020 Guy Bedford

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the

"Software"), to deal in the Software without restriction, including

without limitation the rights to use, copy, modify, merge, publish,

distribute, sublicense, and/or sell copies of the Software, and to permit

## Third-Party Notices

---

persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- ittapi, located at deps/v8/third\_party/ittapi, is licensed as follows:

\*\*\*\*\*

Copyright (c) 2019 Intel Corporation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- ICU, located at deps/icu-small, is licensed as follows:

\*\*\*\*\*

UNICODE LICENSE V3

COPYRIGHT AND PERMISSION NOTICE

Copyright © 2016–2023 Unicode, Inc.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING DATA FILES, AND/OR SOFTWARE, YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE

TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT  
DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

Permission is hereby granted, free of charge, to any person obtaining  
a  
copy of data files and any associated documentation (the "Data  
Files") or  
software and any associated documentation (the "Software") to deal  
in the  
Data Files or Software without restriction, including without  
limitation  
the rights to use, copy, modify, merge, publish, distribute, and/or  
sell  
copies of the Data Files or Software, and to permit persons to whom  
the  
Data Files or Software are furnished to do so, provided that either  
(a)  
this copyright and permission notice appear with all copies of the  
Data  
Files or Software, or (b) this copyright and permission notice appear  
in  
associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY  
OF ANY  
KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES  
OF  
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT  
OF  
THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS  
NOTICE  
BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL  
DAMAGES,  
OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,  
WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION,  
ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE  
DATA  
FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder  
shall  
not be used in advertising or otherwise to promote the sale, use or  
other  
dealings in these Data Files or Software without prior written  
authorization of the copyright holder.

-----

#### Third-Party Software Licenses

This section contains third-party software notices and/or additional  
terms for licensed third-party software components included within ICU  
libraries.

-----  
ICU License - ICU 1.8.1 to ICU 57.1

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation  
and others  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

-----

Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

```
# The Google Chrome software developed by Google is licensed
under
# the BSD license. Other software included in this distribution is
# provided under other licenses, as set forth below.
#
# The BSD License
# http://opensource.org/licenses/bsd-license.php
# Copyright (C) 2006-2008, Google Inc.
#
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions
are met:
```

```

#
# Redistributions of source code must retain the above copyright
notice,
# this list of conditions and the following disclaimer.
# Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following
# disclaimer in the documentation and/or other materials provided
with
# the distribution.
# Neither the name of Google Inc. nor the names of its
# contributors may be used to endorse or promote products derived
from
# this software without specific prior written permission.
#
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
# CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
BE
# LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
# CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
OF
# SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
# BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
# LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING
# NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
# SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
#
#
# The word list in cjdict.txt are generated by combining three word
lists
# listed below with further processing for compound word breaking.
The
# frequency is generated with an iterative training against Google
web
# corpora.
#
# * Libtabe (Chinese)
#   - https://sourceforge.net/project/?group\_id=1519
#   - Its license terms and conditions are shown below.
#
# * IPADIC (Japanese)
#   - http://chasen.aist-nara.ac.jp/chasen/distribution.html
#   - Its license terms and conditions are shown below.
#
# -----COPYING.libtabe ---- BEGIN-----
#
# /*
# * Copyright (c) 1999 TaBE Project.
# * Copyright (c) 1999 Pai-Hsiang Hsiao.
# * All rights reserved.
# *

```

## Third-Party Notices

---

```
# * Redistribution and use in source and binary forms, with or
without
# * modification, are permitted provided that the following
conditions
# * are met:
# *
# * . Redistributions of source code must retain the above
copyright
# * notice, this list of conditions and the following disclaimer.
# * . Redistributions in binary form must reproduce the above
copyright
# * notice, this list of conditions and the following disclaimer
in
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the TaBE Project nor the names of its
# * contributors may be used to endorse or promote products
derived
# * from this software without specific prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
# /*
# * Copyright (c) 1999 Computer Systems and Communication Lab,
# * Institute of Information Science, Academia
# * Sinica. All rights reserved.
# *
# * Redistribution and use in source and binary forms, with or
without
# * modification, are permitted provided that the following
conditions
# * are met:
# *
# * . Redistributions of source code must retain the above
copyright
# * notice, this list of conditions and the following disclaimer.
```

```

# * . Redistributions in binary form must reproduce the above
copyright
# * notice, this list of conditions and the following disclaimer
in
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the Computer Systems and Communication
Lab
# * nor the names of its contributors may be used to endorse or
# * promote products derived from this software without specific
# * prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
CONTRIBUTORS
# * ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT
NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
#
# Copyright 1996 Chih-Hao Tsai @ Beckman Institute,
# University of Illinois
# c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4
#
# -----COPYING.libtabe-----END-----
----
#
#
# -----COPYING.ipadic-----BEGIN-----
----
#
# Copyright 2000, 2001, 2002, 2003 Nara Institute of Science
# and Technology. All Rights Reserved.
#
# Use, reproduction, and distribution of this software is permitted.
# Any copy of this software, whether in its original form or
modified,
# must include both the above copyright notice and the following
# paragraphs.
#
# Nara Institute of Science and Technology (NAIST),
# the copyright holders, disclaims all warranties with regard to
this

```

## Third-Party Notices

---

# software, including all implied warranties of merchantability and  
# fitness, in no event shall NAIST be liable for  
# any special, indirect or consequential damages or any damages  
# whatsoever resulting from loss of use, data or profits, whether in  
an  
# action of contract, negligence or other tortuous action, arising  
out  
# of or in connection with the use or performance of this software.  
#  
# A large portion of the dictionary entries  
# originate from ICOT Free Software. The following conditions for  
ICOT  
# Free Software applies to the current dictionary as well.  
#  
# Each User may also freely distribute the Program, whether in its  
# original form or modified, to any third party or parties, PROVIDED  
# that the provisions of Section 3 ("NO WARRANTY") will ALWAYS  
appear  
# on, or be attached to, the Program, which is distributed  
substantially  
# in the same form as set out herein and that such intended  
# distribution, if actually made, will neither violate or otherwise  
# contravene any of the laws and regulations of the countries having  
# jurisdiction over the User or the intended distribution itself.  
#  
# NO WARRANTY  
#  
# The program was produced on an experimental basis in the course of  
the  
# research and development conducted during the project and is  
provided  
# to users as so produced on an experimental basis. Accordingly,  
the  
# program is provided without any warranty whatsoever, whether  
express,  
# implied, statutory or otherwise. The term "warranty" used  
herein  
# includes, but is not limited to, any warranty of the quality,  
# performance, merchantability and fitness for a particular purpose  
of  
# the program and the nonexistence of any infringement or violation  
of  
# any right of any third party.  
#  
# Each user of the program will agree and understand, and be deemed  
to  
# have agreed and understood, that there is no warranty whatsoever  
for  
# the program and, accordingly, the entire risk arising from or  
# otherwise connected with the program is assumed by the user.  
#  
# Therefore, neither ICOT, the copyright holder, or any other  
# organization that participated in or was otherwise related to the  
# development of the program and their respective officials,  
directors,  
# officers and other employees shall be held liable for any and all

```

# damages, including, without limitation, general, special,
incidental
# and consequential damages, arising out of or otherwise in
connection
# with the use or inability to use the program or any product,
material
# or result produced or otherwise obtained by using the program,
# regardless of whether they have been advised of, or otherwise had
# knowledge of, the possibility of such damages at any time during
the
# project or thereafter. Each user will be deemed to have agreed to
the
# foregoing by his or her commencement of use of the program. The
term
# "use" as used herein includes, but is not limited to, the use,
# modification, copying and distribution of the program and the
# production of secondary products from the program.
#
# In the case where the program, whether in its original form or
# modified, was distributed or delivered to or received by a user
from
# any person, organization or entity other than ICOT, unless it
makes or
# grants independently of ICOT any specific warranty to the user in
# writing, such person, organization or entity, will also be
exempted
# from and not be held liable to the user for any such damages as
noted
# above as far as the program is concerned.
#
# -----COPYING.ipadic-----END-----
-----

```

-----

Lao Word Break Dictionary Data (laodict.txt)

```

# Copyright (C) 2016 and later: Unicode, Inc. and others.
# License & terms of use: http://www.unicode.org/copyright.html
# Copyright (c) 2015 International Business Machines Corporation
# and others. All Rights Reserved.
#
# Project: https://github.com/rober42539/lao-dictionary
# Dictionary: https://github.com/rober42539/lao-dictionary/laodict.txt
# License: https://github.com/rober42539/lao-dictionary/LICENSE.txt
# (copied below)
#
# This file is derived from the above dictionary version of Nov 22,
2020
# -----
-----
# Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without

```

## Third-Party Notices

---

```
# modification, are permitted provided that the following conditions
are met:
#
# Redistributions of source code must retain the above copyright
notice, this
# list of conditions and the following disclaimer. Redistributions
in binary
# form must reproduce the above copyright notice, this list of
conditions and
# the following disclaimer in the documentation and/or other
materials
# provided with the distribution.
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
# INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# OF THE POSSIBILITY OF SUCH DAMAGE.
# -----
-----
```

### Burmese Word Break Dictionary Data (burmesdict.txt)

```
# Copyright (c) 2014 International Business Machines Corporation
# and others. All Rights Reserved.
#
# This list is part of a project hosted at:
#   github.com/kanyawtech/myanmar-karen-word-lists
# -----
```

```
# Copyright (c) 2013, LeRoy Benjamin Sharon
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions
# are met: Redistributions of source code must retain the above
# copyright notice, this list of conditions and the following
# disclaimer. Redistributions in binary form must reproduce the
# above copyright notice, this list of conditions and the following
# disclaimer in the documentation and/or other materials provided
# with the distribution.
#
# Neither the name Myanmar Karen Word Lists, nor the names of its
# contributors may be used to endorse or promote products derived
# from this software without specific prior written permission.
#
```

```

# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
# CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS
# BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
# EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
# TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
# DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
# ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
# TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF
# THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
# SUCH DAMAGE.
# -----

```

-----

### Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

```

# 7. Database Ownership
#
# The TZ database itself is not an IETF Contribution or an IETF
# document. Rather it is a pre-existing and regularly updated
work
# that is in the public domain, and is intended to remain in the
# public domain. Therefore, BCPS 78 [RFC5378] and 79 [RFC3979] do
# not apply to the TZ Database or contributions that individuals
make
# to it. Should any claims be made and substantiated against the
TZ
# Database, the organization that is providing the IANA
# Considerations defined in this RFC, under the memorandum of
# understanding with the IETF, currently ICANN, may act in
accordance
# with all competent court orders. No ownership claims will be
made
# by ICANN or the IETF Trust on the database or the code. Any
person
# making a contribution to the database or code waives all rights
to
# future claims in that contribution or in the TZ Database.

```

-----

### Google double-conversion

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
File: aclocal.m4 (only for ICU4C)  
Section: pkg.m4 - Macros to locate and utilise pkg-config.

Copyright © 2004 Scott James Remnant .  
Copyright © 2012-2015 Dan Nicholson

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

(The condition for the exception is fulfilled because ICU4C includes a configuration script generated by Autoconf, namely the `configure` script.)

-----  
 File: config.guess (only for ICU4C)

This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, see .

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program. This Exception is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3").

(The condition for the exception is fulfilled because ICU4C includes a configuration script generated by Autoconf, namely the `configure` script.)

-----

File: install-sh (only for ICU4C)

Copyright 1991 by the Massachusetts Institute of Technology

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

-----

- libuv, located at deps/uv, is licensed as follows:  
 -----

Copyright (c) 2015-present libuv project contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy

## Third-Party Notices

---

of this software and associated documentation files (the  
"Software"), to  
deal in the Software without restriction, including without limitation  
the  
rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or  
sell copies of the Software, and to permit persons to whom the  
Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be  
included in  
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT  
SHALL THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,  
ARISING  
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS  
IN THE SOFTWARE.

This license applies to parts of libuv originating from the  
<https://github.com/joyent/libuv> repository:

====

Copyright Joyent, Inc. and other Node contributors. All rights  
reserved.

Permission is hereby granted, free of charge, to any person obtaining  
a copy  
of this software and associated documentation files (the  
"Software"), to  
deal in the Software without restriction, including without limitation  
the  
rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or  
sell copies of the Software, and to permit persons to whom the  
Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be  
included in  
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT  
SHALL THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,  
ARISING  
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS  
IN THE SOFTWARE.

====

This license applies to all parts of libuv that are not externally  
maintained libraries.

The externally maintained libraries used by libuv are:

- tree.h (from FreeBSD), copyright Niels Provos. Two clause BSD  
license.

- inet\_pton and inet\_ntop implementations, contained in src/inet.c,  
are  
copyright the Internet Systems Consortium, Inc., and licensed  
under the ISC  
license.

\*\*\*\*\*

- llhttp, located at deps/llhttp, is licensed as follows:

\*\*\*\*\*

This software is licensed under the MIT License.

Copyright Fedor Indutny, 2018.

Permission is hereby granted, free of charge, to any person obtaining  
a

copy of this software and associated documentation files (the  
"Software"), to deal in the Software without restriction, including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit

persons to whom the Software is furnished to do so, subject to the  
following conditions:

The above copyright notice and this permission notice shall be  
included

in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS  
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.  
IN

NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY  
CLAIM,

DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR  
OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR  
THE

USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

## Third-Party Notices

---

- corepack, located at deps/corepack, is licensed as follows:

\*\*\*\*\*

\*\*Copyright © Corepack contributors\*\*

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- undici, located at deps/undici, is licensed as follows:

\*\*\*\*\*

MIT License

Copyright (c) Matteo Collina and Undici contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

\*\*\*\*\*

- postject, located at test/fixtures/postject-copy, is licensed as follows:

\*\*\*\*\*

Postject is licensed for use as follows:

\*\*\*\*\*

MIT License

Copyright (c) 2022 Postman, Inc

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

\*\*\*\*\*

The Postject license applies to all parts of Postject that are not externally maintained libraries.

The externally maintained libraries used by Postject are:

- LIEF, located at vendor/LIEF, is licensed as follows:

\*\*\*\*\*

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

reproduction,  
document.

""License"" shall mean the terms and conditions for use, and distribution as defined by Sections 1 through 9 of this document.

authorized by

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

and all  
common  
definition,  
cause the  
or  
of the  
entity.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to direction or management of such entity, whether by contract otherwise, or (ii) ownership of fifty percent (50%) or more outstanding shares, or (iii) beneficial ownership of such entity.

Entity

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

modifications,  
documentation

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

mechanical  
but  
documentation,

""Object"" form shall mean any form resulting from transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

Source or  
by a

""Work"" shall mean the work of authorship, whether in Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

or Object  
which the

""Derivative Works"" shall mean any work, whether in Source form, that is based on (or derived from) the Work and for

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, irrevocable, worldwide, non-exclusive, no-charge, royalty-free, copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of

perpetual, this License, each Contributor hereby grants to You a  
irrevocable worldwide, non-exclusive, no-charge, royalty-free,  
have made, (except as stated in this section) patent license to make,  
Work, use, offer to sell, sell, import, and otherwise transfer the  
licensable where such license applies only to those patent claims  
Contribution(s) by such Contributor that are necessarily infringed by their  
Contribution(s) alone or by combination of their  
with the Work to which such Contribution(s) was submitted.  
If You institute patent litigation against any entity (including a  
Work cross-claim or counterclaim in a lawsuit) alleging that the  
direct or a Contribution incorporated within the Work constitutes  
licenses or contributory patent infringement, then any patent  
terminate granted to You under this License for that Work shall  
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of  
the Work or Derivative Works thereof in any medium, with or  
without modifications, and in Source or Object form, provided that  
You meet the following conditions:

notices (a) You must give any other recipients of the Work or  
Derivative Works a copy of this License; and  
(b) You must cause any modified files to carry prominent  
Works stating that You changed the files; and  
and (c) You must retain, in the Source form of any Derivative  
of that You distribute, all copyright, patent, trademark,  
its attribution notices from the Source form of the Work,  
distribute must excluding those notices that do not pertain to any part  
contained the Derivative Works; and  
(d) If the Work includes a ""NOTICE"" text file as part of  
distribution, then any Derivative Works that You  
include a readable copy of the attribution notices

not  
one  
distributed  
or  
Works; or,  
and  
contents  
and  
attribution  
alongside  
provided  
construed

within such NOTICE file, excluding those notices that do pertain to any part of the Derivative Works, in at least of the following places: within a NOTICE text file as part of the Derivative Works; within the Source form documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own notices within Derivative Works that You distribute, or as an addendum to the NOTICE text from the Work, that such additional attribution notices cannot be construed as modifying the License.

modifications  
conditions  
modifications,  
complies with

You may add Your own copyright statement to Your and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

otherwise,  
the Work  
conditions of  
modify  
executed

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

the trade  
Licensor,  
describing the

6. Trademarks. This License does not grant permission to use names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify,

defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

Copyright 2017 - 2022 R. Thomas  
Copyright 2017 - 2022 Quarkslab

Licensed under the Apache License, Version 2.0 (the `"License"`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

\*\*\*\*\*

\*\*\*\*\*

- OpenSSL, located at `deps/openssl`, is licensed as follows:

\*\*\*\*\*

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

## Third-Party Notices

---

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including

the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct

or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute

must

include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file

distributed

as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works;

or,

within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The

contents

of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute,

alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

and

You may add Your own copyright statement to Your modifications may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies

with

the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work

of by You to the Licensor shall be under the terms and conditions  
this License, without any additional terms or conditions.  
Notwithstanding the above, nothing herein shall supersede or  
modify the terms of any separate license agreement you may have  
executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the  
trade names, trademarks, service marks, or product names of the  
Licensor,  
describing the except as required for reasonable and customary use in  
file. origin of the Work and reproducing the content of the NOTICE

7. Disclaimer of Warranty. Unless required by applicable law or  
agreed to in writing, Licensor provides the Work (and each  
Contributor provides its Contributions) on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied, including, without limitation, any warranties or  
conditions  
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A  
PARTICULAR PURPOSE. You are solely responsible for determining  
the appropriateness of using or redistributing the Work and assume  
any risks associated with Your exercise of permissions under this  
License.

8. Limitation of Liability. In no event and under no legal theory,  
whether in tort (including negligence), contract, or otherwise,  
grossly unless required by applicable law (such as deliberate and  
be negligent acts) or agreed to in writing, shall any Contributor  
special, liable to You for damages, including any direct, indirect,  
a incidental, or consequential damages of any character arising as  
result of this License or out of the use or inability to use the  
Work (including but not limited to damages for loss of goodwill,  
work stoppage, computer failure or malfunction, or any and all  
other commercial damages or losses), even if such Contributor  
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing  
the Work or Derivative Works thereof, You may choose to offer,  
and charge a fee for, acceptance of support, warranty,  
indemnity,  
this or other liability obligations and/or rights consistent with  
only License. However, in accepting such obligations, You may act

## Third-Party Notices

---

on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

\*\*\*\*\*

- Punycode.js, located at lib/punycode.js, is licensed as follows:

\*\*\*\*\*

Copyright Mathias Bynens <<https://mathiasbynens.be/>>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- V8, located at deps/v8, is licensed as follows:

\*\*\*\*\*

This license applies to all parts of V8 that are not externally maintained libraries. The externally maintained libraries used by V8 are:

- PCRE test suite, located in test/mjsunit/third\_party/regexp-pcre/regexp-pcre.js. This is based on the test suite from PCRE-7.3, which is copyrighted by the University of Cambridge and Google, Inc. The copyright notice and license are embedded in regexp-pcre.js.

- Layout tests, located in test/mjsunit/third\_party/object-keys. These are based on layout tests from webkit.org which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.

- Strongtalk assembler, the basis of the files assembler-arm-inl.h, assembler-arm.cc, assembler-arm.h, assembler-ia32-inl.h, assembler-ia32.cc, assembler-ia32.h, assembler-x64-inl.h,

assembler-x64.cc, assembler-x64.h, assembler.cc and assembler.h.  
This code is copyrighted by Sun Microsystems Inc. and released  
under a 3-clause BSD license.

- Valgrind client API header, located at  
src/third\_party/valgrind/valgrind.h  
This is released under the BSD license.

- The Wasm C/C++ API headers, located at third\_party/wasm-  
api/wasm.{h,hh}  
This is released under the Apache license. The API's upstream  
prototype  
implementation also formed the basis of V8's implementation in  
src/wasm/c-api.cc.

These libraries have their own licenses; we recommend you read them,  
as their terms may differ from the terms below.

Further license information can be found in LICENSE files located in  
sub-directories.

Copyright 2014, the V8 project authors. All rights reserved.  
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following  
disclaimer in the documentation and/or other materials provided  
with the distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived  
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- SipHash, located at deps/v8/src/third\_party/siphash, is licensed as  
follows:

\*\*\*\*\*

SipHash reference C implementation

Copyright (c) 2016 Jean-Philippe Aumasson  
<jeanphilippe.aumasson@gmail.com>

## Third-Party Notices

---

To the extent possible under law, the author(s) have dedicated all copyright and related and neighboring rights to this software to the public domain worldwide. This software is distributed without any warranty.  
""""""

- zlib, located at deps/zlib, is licensed as follows:

""""""

zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.13.1, October xxth, 2022

Copyright (C) 1995-2022 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly  
jloup@gzip.org

Mark Adler  
madler@alumni.caltech.edu

""""""

- simdjson, located at deps/simdjson, is licensed as follows:

""""""

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

all  
common  
the  
the  
entity.

""Legal Entity"" shall mean the union of the acting entity and other entities that control, are controlled by, or are under control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of outstanding shares, or (iii) beneficial ownership of such

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

modifications,

""Source"" form shall mean the preferred form for making including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
the  
modifications  
purposes  
remain  
interfaces of,

""Derivative Works"" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the the Work and Derivative Works thereof.

additions  
owner  
behalf of  
""submitted""

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition,

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
- You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

## Third-Party Notices

---

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

Copyright 2018-2023 The simdjson authors

Licensed under the Apache License, Version 2.0 (the `"License"`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

\*\*\*\*\*

- simdutf, located at deps/simdutf, is licensed as follows:

\*\*\*\*\*

Copyright 2021 The simdutf authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `"Software"`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `"AS IS"`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER

## Third-Party Notices

---

IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR  
IN  
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE  
SOFTWARE.

\*\*\*\*\*

- ada, located at deps/ada, is licensed as follows:

\*\*\*\*\*

Copyright 2023 Yagiz Nizipli and Daniel Lemire

Permission is hereby granted, free of charge, to any person obtaining  
a copy of  
this software and associated documentation files (the "Software"),  
to deal in  
the Software without restriction, including without limitation the  
rights to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of  
the Software, and to permit persons to whom the Software is furnished  
to do so,  
subject to the following conditions:

The above copyright notice and this permission notice shall be  
included in all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY, FITNESS  
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE  
AUTHORS OR  
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,  
WHETHER  
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR  
IN  
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE  
SOFTWARE.

\*\*\*\*\*

- minimatch, located at deps/minimatch, is licensed as follows:

\*\*\*\*\*

The ISC License

Copyright (c) 2011-2023 Isaac Z. Schlueter and Contributors

Permission to use, copy, modify, and/or distribute this software for  
any  
purpose with or without fee is hereby granted, provided that the above  
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL  
WARRANTIES  
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF  
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE  
FOR

ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES  
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN  
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT  
OF OR

IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*\*\*\*\*

- npm, located at deps/npm, is licensed as follows:

\*\*\*\*\*

The npm application  
Copyright (c) npm, Inc. and Contributors  
Licensed on the terms of The Artistic License 2.0

Node package dependencies of the npm application  
Copyright (c) their respective copyright owners  
Licensed on their respective license terms

The npm public registry at <https://registry.npmjs.org>  
and the npm website at <https://www.npmjs.com>  
Operated by npm, Inc.  
Use governed by terms published on <https://www.npmjs.com>

""Node.js""

Trademark Joyent, Inc., <https://joyent.com>  
Neither npm nor npm, Inc. are affiliated with Joyent, Inc.

The Node.js application  
Project of Node Foundation, <https://nodejs.org>

The npm Logo  
Copyright (c) Mathias Pettersson and Brian Hammond

""Gubblebum Blocky"" typeface  
Copyright (c) Tjarda Koster, <https://jelloween.deviantart.com>  
Used with permission

-----

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software  
Package may be copied, modified, distributed, and/or redistributed.  
The intent is that the Copyright Holder maintains some artistic  
control over the development of that Package while still keeping the  
Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this  
license directly with the Copyright Holder of a given Package. If the  
terms of this license do not permit the full use that you propose to

make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

and ""Modified Version"" means the Package, if it has been changed, such changes were not explicitly requested by the Copyright Holder.

with ""Original License"" means this Artistic License as Distributed the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

binary, ""Compiled"" form means the compiled bytecode, object code, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

## Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

## Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version  
or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution.

If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the

date that such litigation is filed.

(14) Disclaimer of Warranty:

THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "'AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 """"""

- GYP, located at tools/gyp, is licensed as follows:

""""""

Copyright (c) 2020 Node.js contributors. All rights reserved.  
 Copyright (c) 2009 Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "'AS IS'" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

""""""

- inspector\_protocol, located at tools/inspector\_protocol, is licensed as follows:

""""""

// Copyright 2016 The Chromium Authors. All rights reserved.

//

// Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are

// met:

## Third-Party Notices

---

```
//
//   * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
//   * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following
disclaimer
// in the documentation and/or other materials provided with the
// distribution.
//   * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived
from
// this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE,
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
```

```
*****
```

- jinja2, located at tools/inspector\_protocol/jinja2, is licensed as follows:

```
*****
```

Copyright (c) 2009 by the Jinja Team, see AUTHORS for more details.

Some rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
 "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
 LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
 A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
 OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
 SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
 LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
 DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
 THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- markupsafe, located at tools/inspector\_protocol/markupsafe, is licensed  
 as follows:

\*\*\*\*\*

Copyright (c) 2010 by Armin Ronacher and contributors. See AUTHORS  
 for more details.

Some rights reserved.

Redistribution and use in source and binary forms of the software as  
 well

as documentation, with or without modification, are permitted provided  
 that the following conditions are met:

- \* Redistributions of source code must retain the above copyright  
 notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
 copyright notice, this list of conditions and the following  
 disclaimer in the documentation and/or other materials provided  
 with the distribution.
- \* The names of the contributors may not be used to endorse or  
 promote products derived from this software without specific  
 prior written permission.

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED BY THE COPYRIGHT HOLDERS  
 AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,  
 INCLUDING, BUT

NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS  
 FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
 OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
 SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,  
 PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
 PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
 LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
 NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
 SOFTWARE AND DOCUMENTATION, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH  
 DAMAGE.

\*\*\*\*\*

- `cpplint.py`, located at `tools/cpplint.py`, is licensed as follows:

```
""""""
```

```
Copyright (c) 2009 Google Inc. All rights reserved.
```

```
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:
```

```
* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
```

```
* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
```

```
* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.
```

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
""""""
```

- `ESLint`, located at `tools/node_modules/eslint`, is licensed as follows:

```
""""""
```

```
Copyright OpenJS Foundation and other contributors, <www.openjsf.org>
```

```
Permission is hereby granted, free of charge, to any person obtaining  
a copy
```

```
of this software and associated documentation files (the
```

```
"Software"), to deal
```

```
in the Software without restriction, including without limitation the  
rights
```

```
to use, copy, modify, merge, publish, distribute, sublicense, and/or  
sell
```

```
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:
```

```
The above copyright notice and this permission notice shall be  
included in
```

```
all copies or substantial portions of the Software.
```

```
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR
```

```
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,
```

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- gtest, located at deps/googletest, is licensed as follows:

\*\*\*\*\*

Copyright 2008, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

- nghttp2, located at deps/nghttp2, is licensed as follows:

\*\*\*\*\*

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa  
Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- large\_pages, located at src/large\_pages, is licensed as follows:

\*\*\*\*\*

Copyright (C) 2018 Intel Corporation

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation

the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL

THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

- caja, located at lib/internal/freeze\_intrinsics.js, is licensed as follows:

\*\*\*\*\*

Adapted from SES/Caja - Copyright (C) 2011 Google Inc.  
Copyright (C) 2018 Agoric

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

\*\*\*\*\*

- brotli, located at deps/brotli, is licensed as follows:

\*\*\*\*\*

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,

ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN

THE SOFTWARE.

\*\*\*\*\*

- HdrHistogram, located at deps/histogram, is licensed as follows:

\*\*\*\*\*

The code in this repository code was Written by Gil Tene, Michael Barker,

and Matt Warren, and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the "BSD" license

rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is \*also\* provided under the

## Third-Party Notices

---

following license (commonly referred to as the BSD 2-Clause License).  
This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

-----  
\*\* Beginning of "BSD 2-Clause License" text. \*\*

Copyright (c) 2012, 2013, 2014 Gil Tene  
Copyright (c) 2014 Michael Barker  
Copyright (c) 2014 Matt Warren  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,  
THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR  
CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF  
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR  
BUSINESS  
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER  
IN  
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR  
OTHERWISE)  
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED  
OF  
THE POSSIBILITY OF SUCH DAMAGE.  
"\*\*\*\*\*"

- highlight.js, located at doc/api\_assets/highlight.pack.js, is licensed as follows:

\*\*\*\*\*  
BSD 3-Clause License

Copyright (c) 2006, Ivan Sagalaev.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,  
THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE  
GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF  
THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.  
"\*\*\*\*\*"

- node-heapdump, located at src/heap\_utils.cc, is licensed as follows:  
"\*\*\*\*\*"

ISC License

Copyright (c) 2012, Ben Noordhuis <info@bnoordhuis.nl>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES

## Third-Party Notices

---

WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

ISC License

Copyright (c) 2014, StrongLoop Inc.

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*\*\*\*\*

- rimraf, located at lib/internal/fs/rimraf.js, is licensed as follows:

\*\*\*\*\*

The ISC License

Copyright (c) Isaac Z. Schlueter and Contributors

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*\*\*\*\*

- uvwasi, located at deps/uvwasi, is licensed as follows:

\*\*\*\*\*

MIT License

Copyright (c) 2019 Colin Ihrig and Contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
"\*\*\*\*\*"

- ngtcp2, located at deps/ngtcp2/ngtcp2/, is licensed as follows:  
"\*\*\*\*\*"

The MIT License

Copyright (c) 2016 ngtcp2 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION

## Third-Party Notices

---

WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
""""""

- nghttp3, located at deps/ngtcp2/nghttp3/, is licensed as follows:  
""""""

The MIT License

Copyright (c) 2019 nghttp3 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
""""""

- node-fs-extra, located at lib/internal/fs/cp, is licensed as follows:  
""""""

(The MIT License)

Copyright (c) 2011-2017 JP Richardson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
""""""

- base64, located at deps/base64/base64/, is licensed as follows:

""""""

Copyright (c) 2005-2007, Nick Galbreath  
 Copyright (c) 2015-2018, Wojciech Mula  
 Copyright (c) 2016-2017, Matthieu Darbois  
 Copyright (c) 2013-2022, Alfred Klomp  
 All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

""AS

IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED

TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----4th party dependency-----

The npm application

Copyright (c) npm, Inc. and Contributors  
 Licensed on the terms of The Artistic License 2.0

Node package dependencies of the npm application

Copyright (c) their respective copyright owners  
 Licensed on their respective license terms

The npm public registry at <https://registry.npmjs.org>

and the npm website at <https://www.npmjs.com>

Operated by npm, Inc.

Use governed by terms published on <https://www.npmjs.com>

""Node.js""

Trademark Joyent, Inc., <https://joyent.com>

Neither npm nor npm, Inc. are affiliated with Joyent, Inc.

The Node.js application

Project of Node Foundation, <https://nodejs.org>

## Third-Party Notices

---

The npm Logo

Copyright (c) Mathias Pettersson and Brian Hammond

"Gubblebum Blocky" typeface

Copyright (c) Tjarda Koster, <https://jelloween.deviantart.com>

Used with permission

-----

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

"You" and "your" means any person who would like to copy, distribute, or modify the Package.

"Package" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

"Distributor Fee" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

## Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

## General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty:

THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----"

**Olivier Poitrey, zerolog, 1.31.0,**

"

----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2014, 2015, 2016 Carl Jackson (carl@avtok.com)

## Third-Party Notices

---

Copyright (c) 2017 Olivier Poitrey

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-systemd/v22

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.  
Copyright 2022 CoreOS, Inc.

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-colorable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/mattn/go-isatty  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/pkg/errors  
  
== License Type  
SPDX:BSD-2-Clause  
  
== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/rs/xid  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2015 Olivier Poitrey <rs@dailymotion.com>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/rs/zerolog/cmd/lint  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2014, 2015, 2016 Carl Jackson (carl@avtok.com)  
Copyright (c) 2017 Olivier Poitrey  
  
----- (separator) -----  
-----  
  
== Dependency  
golang.org/x/sys  
  
== License Type
```

## Third-Party Notices

---

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/tools

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2017 The Go Authors. All rights reserved.  
 Copyright (c) Microsoft Corporation  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2015 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
 Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
 Copyright © 1997-1999 Vita Nuova Limited  
 Copyright © 2000-2007 Lucent Technologies Inc. and others  
 Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com)  
 Copyright © 2004,2006 Bruce Ellis  
 Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
 Copyright © 2009 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----

-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

## Third-Party Notices

---

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or

FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an `""AS IS""` BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer

in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

OpenJS Foundation and other contributors, jQuery UI, 1.13.2, "Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history

## Third-Party Notices

---

available at <https://github.com/jquery/jquery-ui>

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code contained within the demos directory.

CC0: <http://creativecommons.org/publicdomain/zero/1.0/>

====

All files located in the `node_modules` and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

AUTHORS.txt

Authors ordered by first contribution

A list of current team members is available at <http://jqueryui.com/about>

Paul Bakaus <[paul.bakaus@gmail.com](mailto:paul.bakaus@gmail.com)>

Richard Worth <[rdworth@gmail.com](mailto:rdworth@gmail.com)>

Yehuda Katz <[wycats@gmail.com](mailto:wycats@gmail.com)>

Sean Catchpole <[sean@sunsean.com](mailto:sean@sunsean.com)>

John Resig <[jeresig@gmail.com](mailto:jeresig@gmail.com)>

Tane Piper <[piper.tane@gmail.com](mailto:piper.tane@gmail.com)>

Dmitri Gaskin <[dmitrig01@gmail.com](mailto:dmitrig01@gmail.com)>

Klaus Hartl <[klaus.hartl@gmail.com](mailto:klaus.hartl@gmail.com)>

Stefan Petre <[stefan.petre@gmail.com](mailto:stefan.petre@gmail.com)>

Gilles van den Hoven <[gilles@webunity.nl](mailto:gilles@webunity.nl)>

Micheil Bryan Smith <[micheil@brandedcode.com](mailto:micheil@brandedcode.com)>

Jörn Zaefferer <[joern.zaefferer@gmail.com](mailto:joern.zaefferer@gmail.com)>

---

Marc Grabanski <m@marcgrabanski.com>  
Keith Wood <kbwood@iinet.com.au>  
Brandon Aaron <brandon.aaron@gmail.com>  
Scott Gonzalez <scott.gonzalez@gmail.com>  
Eduardo Lundgren <eduardolundgren@gmail.com>  
Aaron Eisenberger <aaronchi@gmail.com>  
Joan Piedra <theneojp@gmail.com>  
Bruno Basto <b.basto@gmail.com>  
Remy Sharp <remy@leftlogic.com>  
Bohdan Ganicky <bohdan.ganicky@gmail.com>  
David Bolter <david.bolter@gmail.com>  
Chi Cheng <cloudream@gmail.com>  
Ca-Phun Ung <pazu2k@gmail.com>  
Ariel Flesler <aflesler@gmail.com>  
Maggie Wachs <maggie@filamentgroup.com>  
Scott Jehl <scottjehl@gmail.com>  
Todd Parker <todd@filamentgroup.com>  
Andrew Powell <andrew@shellscape.org>  
Brant Burnett <btburnett3@gmail.com>  
Douglas Neiner <doug@dougneiner.com>  
Paul Irish <paul.irish@gmail.com>  
Ralph Whitbeck <ralph.whitbeck@gmail.com>  
Thibault Duplessis <thibault.duplessis@gmail.com>  
Dominique Vincent <dominique.vincent@toitl.com>  
Jack Hsu <jack.hsu@gmail.com>  
Adam Sontag <ajpiano@ajpiano.com>  
Carl F\_rstenberg <carl@excito.com>  
Kevin Dalman <development@allpro.net>  
Alberto Fernandez Capel <afcapel@gmail.com>  
Jacek Jędrzejewski (<http://jacek.jedrzejewski.name>)  
Ting Kuei <ting@kuei.com>  
Samuel Cormier-Iijima <sam@chide.it>  
Jon Palmer <jonspalmer@gmail.com>  
Ben Hollis <bhollis@amazon.com>  
Justin MacCarthy <Justin@Rubystars.biz>  
Eyal Kobrigo <kobrigo@hotmail.com>  
Tiago Freire <tiago.freire@gmail.com>  
Diego Tres <diegotres@gmail.com>  
Holger R,prich <holger@rueprich.de>  
Ziling Zhao <zilingzhao@gmail.com>  
Mike Alsup <malsup@gmail.com>  
Robson Braga Araujo <robsonbraga@gmail.com>  
Pierre-Henri Ausseil <ph.ausseil@gmail.com>  
Christopher McCulloh <cmcculloh@gmail.com>  
Andrew Newcomb <ext.github@preceptsoftware.co.uk>  
Lim Chee Aun <cheeaun@gmail.com>  
Jorge Barreiro <yortx.barry@gmail.com>  
Daniel Steigerwald <daniel@steigerwald.cz>  
John Firebaugh <john\_firebaugh@bigfix.com>  
John Enters <github@darkdark.net>  
Andrey Kapitcyn <ru.m157y@gmail.com>  
Dmitry Petrov <dpetroff@gmail.com>  
Eric Hynds <eric@hynds.net>  
Chairat Sunthornwiphat <pipo@sixhead.com>  
Josh Varner <josh.varner@gmail.com>  
Stéphane Rimbault <stephane.rimbault@gmail.com>

## Third-Party Notices

---

Jay Merrifield <fracmak@gmail.com>  
J. Ryan Stinnett <jryans@gmail.com>  
Peter Heiberg <peter@heiberg.se>  
Alex Dovenmuehle <adovenmuehle@gmail.com>  
Jamie Gegerson <git@jamiegegerson.com>  
Raymond Schwartz <skeetergraphics@gmail.com>  
Phillip Barnes <philbar@gmail.com>  
Kyle Wilkinson <kai@wikyd.org>  
Khaled AlHourani <me@khaledalhourani.com>  
Marian Rudzynski <mr@impaled.org>  
Jean-Francois Remy <jeff@melix.org>  
Doug Blood <dougblood@gmail.com>  
Filippo Cavallarin <filippo.cavallarin@codseq.it>  
Heiko Henning <heiko@thehennings.ch>  
Aliaksandr Rahalevich <saksmlz@gmail.com>  
Mario Visic <mario@mariovisic.com>  
Xavi Ramirez <xavi.rmz@gmail.com>  
Max Schnur <max.schnur@gmail.com>  
Saji Nediyanath <saji89@gmail.com>  
Corey Frang <gnarf37@gmail.com>  
Aaron Peterson <aaronp123@yahoo.com>  
Ivan Peters <ivan@ivanpeters.com>  
Mohamed Cherif Bouchelaghem <cherifbouchelaghem@yahoo.fr>  
Marcos Sousa <falecomigo@marcossousa.com>  
Michael DellaNoce <mdellanoce@mailtrust.com>  
George Marshall <echosx@gmail.com>  
Tobias Brunner <tobias@strongswan.org>  
Martin Solli <msolli@gmail.com>  
David Petersen <public@petersendidit.com>  
Dan Heberden <danheberden@gmail.com>  
William Kevin Manire <williamkmanire@gmail.com>  
Gilmore Davidson <gilmoreorless@gmail.com>  
Michael Wu <michaelmwu@gmail.com>  
Adam Parod <mystic414@gmail.com>  
Guillaume Gautreau <guillaume+github@ghusse.com>  
Marcel Toebe <EleotleCram@gmail.com>  
Dan Streetman <ddstreet@ieee.org>  
Matt Hoskins <matt@nipltd.com>  
Giovanni Giacobbi <giovanni@giacobbi.net>  
Kyle Florence <kyle.florence@gmail.com>  
Pavol Hluchý <lopo@losys.sk>  
Hans Hillen <hans.hillen@gmail.com>  
Mark Johnson <virgofx@live.com>  
Trey Hunner <treyhunner@gmail.com>  
Shane Whittet <whittet@gmail.com>  
Edward A Faulkner <ef@alum.mit.edu>  
Adam Baratz <adam@adambaratz.com>  
Kato Kazuyoshi <kato.kazuyoshi@gmail.com>  
Eike Send <eike.send@gmail.com>  
Kris Borchers <kris.borchers@gmail.com>  
Eddie Monge <eddie@eddiemonge.com>  
Israel Tsadok <itsadok@gmail.com>  
Carson McDonald <carson@ioncannon.net>  
Jason Davies <jason@jasondavies.com>  
Garrison Locke <gplocke@gmail.com>  
David Murdoch <david@davidmurdoch.com>

Benjamin Scott Boyle <benjamins.boyle@gmail.com>  
Jesse Baird <jebaird@gmail.com>  
Jonathan Vingiano <jvingiano@gmail.com>  
Dylan Just <dev@ephox.com>  
Hiroshi Tomita <tomykaira@gmail.com>  
Glenn Goodrich <glenn.goodrich@gmail.com>  
Tarafder Ashek-E-Elahi <mail.ashek@gmail.com>  
Ryan Neufeld <ryan@neufeldmail.com>  
Marc Neuwirth <marc.neuwirth@gmail.com>  
Philip Graham <philip.robert.graham@gmail.com>  
Benjamin Sterling <benjamin.sterling@kenzomedia.com>  
Wesley Walser <waw325@gmail.com>  
Kouhei Sutou <kou@clear-code.com>  
Karl Kirch <karlkrch@gmail.com>  
Chris Kelly <ckdake@ckdake.com>  
Jason Oster <jay@kodewerx.org>  
Felix Nagel <info@felixnagel.com>  
Alexander Polomoshnov <alex.polomoshnov@gmail.com>  
David Leal <dgleal@gmail.com>  
Igor Milla <igor.fsp.milla@gmail.com>  
Dave Methvin <dave.methvin@gmail.com>  
Florian Gutmann <f.gutmann@chronimo.com>  
Marwan Al Jubeh <marwan.aljubeh@gmail.com>  
Milan Broum <midlis@googlemail.com>  
Sebastian Sauer <info@dynpages.de>  
Gaïtan Muller <m.gaetan89@gmail.com>  
Michel Weimerskirch <michel@weimerskirch.net>  
William Griffiths <william@ycymro.com>  
Stojce Slavkovski <stojce@gmail.com>  
David Soms <david.soms@gmail.com>  
David De Sloovere <david.desloovere@outlook.com>  
Michael P. Jung <michael.jung@terreon.de>  
Shannon Pekary <spekary@gmail.com>  
Dan Wellman <danwellman@hotmail.com>  
Matthew Edward Hutton <meh@corefiling.co.uk>  
James Khoury <james@jameskhoury.com>  
Rob Loach <robloach@gmail.com>  
Alberto Monteiro <betimbrasil@gmail.com>  
Alex Rhea <alex.rhea@gmail.com>  
Krzysztof Rosinski <rozwell69@gmail.com>  
Ryan Olton <oltonr@gmail.com>  
Genie <386@mail.com>  
Rick Waldron <waldron.rick@gmail.com>  
Ian Simpson <spoonlikesham@gmail.com>  
Lev Kitsis <spam4lev@gmail.com>  
TJ VanToll <tj.vantoll@gmail.com>  
Justin Domnitz <jdomnitz@gmail.com>  
Douglas Cerna <douglascerna@yahoo.com>  
Bert ter Heide <bertjh@hotmail.com>  
Jasvir Nagra <jasvir@gmail.com>  
Yuriy Khabarov <13real008@gmail.com>  
Harri Kilpi^ <harri.kilpio@gmail.com>  
Lado Lomidze <lado.lomidze@gmail.com>  
Amir E. Aharoni <amir.aharoni@mail.huji.ac.il>  
Simon Sattes <simon.sattes@gmail.com>  
Jo Liss <joliss42@gmail.com>

## Third-Party Notices

---

Guntupalli Karunakar <karunakarg@yahoo.com>  
Shahyar Ghobadpour <shahyar@gmail.com>  
Lukasz Lipinski <uzza17@gmail.com>  
Timo Tijhof <krinklemail@gmail.com>  
Jason Moon <jmoon@socialcast.com>  
Martin Frost <martinf55@hotmail.com>  
Eneko Illarramendi <eneko@illarra.com>  
EungJun Yi <semtlenori@gmail.com>  
Courtland Allen <courtlandallen@gmail.com>  
Viktar Varvanovich <non4eg@gmail.com>  
Danny Trunk <dtrunk90@gmail.com>  
Pavel Stetina <pavel.stetina@nangu.tv>  
Michael Stay <metaweta@gmail.com>  
Steven Roussey <sroussey@gmail.com>  
Michael Hollis <hollis21@gmail.com>  
Lee Rowlands <lee.rowlands@previousnext.com.au>  
Timmy Willison <timmywillisn@gmail.com>  
Karl Swedberg <kswedberg@gmail.com>  
Baoju Yuan <the\_guy\_1987@hotmail.com>  
Maciej Mrozinski <maciej.k.mrozinski@gmail.com>  
Luis Dalmolin <luis.nh@gmail.com>  
Mark Aaron Shirley <maspwr@gmail.com>  
Martin Hoch <martin@fidion.de>  
Jiayi Yang <tr870829@gmail.com>  
Philipp Benjamin K<sup>^</sup>ppchen <xgxtpbk@gws.ms>  
Sindre Sorhus <sindresorhus@gmail.com>  
Bernhard Sirlinger <bernhard.sirlinger@tele2.de>  
Jared A. Scheel <jared@jaredscheel.com>  
Rafael Xavier de Souza <rxaviers@gmail.com>  
John Chen <zhang.z.chen@intel.com>  
Robert Beuligmann <robertbeuligmann@gmail.com>  
Dale Kocian <dale.kocian@gmail.com>  
Mike Sherov <mike.sherov@gmail.com>  
Andrew Couch <andy@couchand.com>  
Marc-Andre Lafortune <github@marc-andre.ca>  
Nate Eagle <nate.eagle@teamaol.com>  
David Souther <davidsouther@gmail.com>  
Mathias Stenbom <mathias@stenbom.com>  
Sergey Kartashov <ebishkek@yandex.ru>  
Avinash R <nashpapa@gmail.com>  
Ethan Romba <ethanromba@gmail.com>  
Cory Gackenheimer <cory.gack@gmail.com>  
Juan Pablo Kaniefsky <jpkaniefsky@gmail.com>  
Roman Salnikov <bardt.dz@gmail.com>  
Anika Henke <anika@selfthinker.org>  
Samuel BovÉe <samycookie2000@yahoo.fr>  
FabrÍcio MattÈ <ult\_combo@hotmail.com>  
Viktor Kojouharov <vkojouharov@gmail.com>  
Pawel Maruszczyk (<http://hrabstwo.net>)  
Pavel Selitskas <p.selitskas@gmail.com>  
Bj\_rn Johansen <post@bjornjohansen.no>  
Matthieu Penant <thieum22@hotmail.com>  
Dominic Barnes <dominic@dbarnes.info>  
David Sullivan <david.sullivan@gmail.com>  
Thomas Jaggi <thomas@responsive.ch>  
Vahid Sohrabloo <vahid4134@gmail.com>

Travis Carden <travis.carden@gmail.com>  
Bruno M. Custôdio <bruno@brunomcustodio.com>  
Nathanael Silverman <nathanael.silverman@gmail.com>  
Christian Wenz <christian@wenz.org>  
Steve Urmston <steve@urm.st>  
Zaven Muradyan <megalivoithos@gmail.com>  
Woody Gilk <shadowhand@deviantart.com>  
Zbigniew Motyka <zbigniew.motyka@gmail.com>  
Suhail Alkowaileet <xsoh.k7@gmail.com>  
Toshi MARUYAMA <marutosijp2@yahoo.co.jp>  
David Hansen <hansede@gmail.com>  
Brian Grinstead <briangrinstead@gmail.com>  
Christian Klammer <christian314159@gmail.com>  
Steven Luscher <jquerycla@steveluscher.com>  
Gan Eng Chin <engchin.gan@gmail.com>  
Gabriel Schulhof <gabriel.schulhof@intel.com>  
Alexander Schmitz <arschmitz@gmail.com>  
Vilhj·lmur Sk'lason <vis@dmm.is>  
Siebrand Mazeland <siebrand@kitano.nl>  
Mohsen Ekhtiari <mohsenekhtiari@yahoo.com>  
Pere Orga <gotrunks@gmail.com>  
Jasper de Groot <mail@ugomobi.com>  
Stephane Deschamps <stephane.deschamps@gmail.com>  
Jyoti Deka <dekajp@gmail.com>  
Andrei Picus <office.nightcrawler@gmail.com>  
Ondrej Novy <novy@ondrej.org>  
Jacob McCutcheon <jacob.mccutcheon@gmail.com>  
Monika Piotrowicz <monika.piotrowicz@gmail.com>  
Imants Horsts <imants.horsts@inbox.lv>  
Eric Dahl <eric.c.dahl@gmail.com>  
Dave Stein <dave@behance.com>  
Dylan Barrell <dylan@barrell.com>  
Daniel DeGroff <djdegroff@gmail.com>  
Michael Wiencek <mwtuea@gmail.com>  
Thomas Meyer <meyertee@gmail.com>  
Ruslan Yakhyaev <ruslan@ruslan.io>  
Brian J. Dowling <bjd-dev@simplicity.net>  
Ben Higgins <ben@extrahop.com>  
Yermo Lamers <yml@yml.com>  
Patrick Stapleton <github@gdi2290.com>  
Trisha Crowley <trisha.crowley@gmail.com>  
Usman Akeju <akeju00+github@gmail.com>  
Rodrigo Menezes <rod333@gmail.com>  
Jacques Perrault <jacques\_perrault@us.ibm.com>  
Frederik Elvhage <frederik.elvhage@googlemail.com>  
Will Holley <willholley@gmail.com>  
Uri Gilad <antishok@gmail.com>  
Richard Gibson <richard.gibson@gmail.com>  
Simen Bekkhus <sbekkhuss91@gmail.com>  
Chen Eshchar <eshcharc@gmail.com>  
Bruno PÈrel <brunoperel@gmail.com>  
Mohammed Alshehri <m@dralshehri.com>  
Lisa Seacat DeLuca <lodeluca@us.ibm.com>  
Anne-Gaelle Colom <coloma@westminster.ac.uk>  
Adam Foster <slimfoster@gmail.com>  
Luke Page <luke.a.page@gmail.com>

## Third-Party Notices

---

Daniel Owens <daniel@matchstickmixup.com>  
Michael Orchard <morchard@scottlogic.co.uk>  
Marcus Warren <marcus@envoke.com>  
Nils Heuermann <nils@world-of-scripts.de>  
Marco Ziech <marco@ziech.net>  
Patricia Juarez <patrixd@gmail.com>  
Ben Mosher <me@benmosher.com>  
Ablay Keldibek <atomio.ak@gmail.com>  
Thomas Applencourt <thomas.applencourt@irsamc.ups-tlse.fr>  
Jiabao Wu <jiabao.foss@gmail.com>  
Eric Lee Carraway <github@ericcarraway.com>  
Victor Homyakov <vkhomyackov@gmail.com>  
Myeongjin Lee <aranet100@gmail.com>  
Liran Sharir <lsharir@gmail.com>  
Weston Ruter <weston@xwp.co>  
Mani Mishra <manimishra902@gmail.com>  
Hannah Methvin <hannahmethvin@gmail.com>  
Leonardo Balter <leonardo.balter@gmail.com>  
Benjamin Albert <benjamin\_a5@yahoo.com>  
Michal Golebiowski-Owczarek <m.goleb@gmail.com>  
Alyosha Pushak <alyosha.pushak@gmail.com>  
Fahad Ahmad <fahadahmad41@hotmail.com>  
Matt Brundage <github@mattbrundage.com>  
Francesc Baeta <francesc.baeta@gmail.com>  
Piotr Baran <piotros@wp.pl>  
Mukul Hase <mukulhase@gmail.com>  
Konstantin Dinev <kdinev@mail.bw.edu>  
Rand Scullard <rand@randscullard.com>  
Dan Strohl <dan@wjcg.net>  
Maksim Ryzhikov <rv.maksim@gmail.com>  
Amine HADDAD <haddad@allegorie.tv>  
Amanpreet Singh <apsdehal@gmail.com>  
Alexey Balchunas <bleshik@gmail.com>  
Peter Kehl <peter.kehl@gmail.com>  
Peter Dave Hello <hsu@peterdavehello.org>  
Johannes Schaefer <johnschaefer@gmx.de>  
Ville Skytta <ville.skytta@iki.fi>  
Ryan Oriecua <ryan.oriecua@visioncritical.com>  
Sergei Ratnikov <sergeir82@gmail.com>  
milk54 <milk851@gmail.com>  
Evelyn Masso <evoutofambit@gmail.com>  
Robin <mail@robin-fowler.com>  
Simon Asika <asika32764@gmail.com>  
Kevin Cupp <kevin.cupp@gmail.com>  
Jeremy Mickelson <Jeremy.Mickelson@gmail.com>  
Kyle Rosenberg <kyle.rosenberg@gmail.com>  
Petri Partio <petri.partio@gmail.com>  
pallxk <github@pallxk.com>  
Luke Brookhart <luke@onjax.com>  
claudi <hirt-claudia@gmx.de>  
Eirik Sletteberg <eiriksletteberg@gmail.com>  
Albert Johansson <albert@intervaro.se>  
A. Wells <borgboyone@users.noreply.github.com>  
Robert Brignull <robertbrignull@gmail.com>  
Horus68 <pauloizidoro@gmail.com>  
Maksymenkov Eugene <foatei@gmail.com>

---

OskarNS <soerensen.oskar@gmail.com>  
 Gez Quinn <holla@gezquinn.design>  
 jigar gala <jigar.gala140291@gmail.com>  
 Florian Wegscheider <flo.wegscheider@gmail.com>  
 FatÈr Zsolt <fater.zsolt@gmail.com>  
 Szabolcs Szabolcsi-Toth <nec@shell8.net>  
 JÈrÈmy Munsch <github@jeremydev.ovh>  
 Hrvoje Novosel <hrvoje.novosel@gmail.com>  
 Paul Capron <PaulCapron@users.noreply.github.com>  
 Micah Miller <mikhey@runbox.com>  
 sakshi87 <53863764+sakshi87@users.noreply.github.com>  
 Mikolaj Wolicki <wolicki.mikolaj@gmail.com>  
 Patrick McKay <patrick.mckay@vumc.org>  
 c-lambert <58025159+c-lambert@users.noreply.github.com>  
 Josep Sanz <josepsanzcamp@gmail.com>  
 Ben Mullins <benm@umich.edu>  
 Christian Oliff <christianoliff@pm.me>  
 dependabot[bot] <49699333+dependabot[bot]@users.noreply.github.com>  
 Adam LidÈn H%llgren <adamlh92@gmail.com>  
 James Hinderks <hinderks@gmail.com>  
 Denny Septian Panggabean <97607754+ddevsr@users.noreply.github.com>

"  
**PhpSpreadsheet Authors, phpspreadsheet, 1.28.0,**

" ----- Top-level license -----  
 -----

MIT License

Copyright (c) 2019 PhpSpreadsheet Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----  
 --

## Third-Party Notices

---

see above

```
----- Fourth-party information -----  
--  
== NAME OF DEPENDENCY 1  
myclabs/php-enum  
== License Type  
MIT  
== Copyright Notices  
The MIT License (MIT)
```

Copyright (c) 2015 My C-Labs

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----  
--  
== NAME OF DEPENDENCY 2  
markbaker/matrix  
== License Type  
MIT  
== Copyright Notices  
The MIT License (MIT)  
=====
```

Copyright © `2018` `Mark Baker`

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following

conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED *AS IS*, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 3
markbaker/complex
== License Type
MIT
== Copyright Notices
The MIT License (MIT)
=====
```

Copyright © `2017` `Mark Baker`

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the *Software*), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED *AS IS*, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 4
maennchen/zipstream-php
== License Type
MIT
== Copyright Notices
MIT License
```

## Third-Party Notices

---

Copyright (C) 2007-2009 Paul Duncan <pabs@pablotron.org>  
Copyright (C) 2014 Jonatan Maennchen <jonatan@maennchen.ch>  
Copyright (C) 2014 Jesse G. Donat <donatj@gmail.com>  
Copyright (C) 2018 Nicolas CARPi <nicolas.carpi@curie.fr>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----  
--  
== NAME OF DEPENDENCY 5  
ezyang/htmlpurifier  
== License Type  
LGPL 2.1  
== Copyright Notices  
Copyright (C) 2006-2008 Edward Z. Yang
```

```
----- (separator) -----  
--  
== LICENSES  
.  
== Text of license (LGPL 2.1)  
    GNU LESSER GENERAL PUBLIC LICENSE  
    Version 2.1, February 1999
```

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the

ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License").

Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses

the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a

medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding

machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ""work that uses the Library"", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the ""work that uses the Library"" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library

facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed

through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU

FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990

## Third-Party Notices

---

Ty Coon, President of Vice

That's all there is to it!

```
vim: et sw=4 sts=4
"
PhpSpreadsheet Authors,phpspreadsheet,1.29.0,
" ----- Top-level license -----
-----
MIT License
```

Copyright (c) 2019 PhpSpreadsheet Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- Copyright notices -----
--
same as top-level license
----- Fourth-party information -----
--
== NAME OF DEPENDENCY 1
markbaker/matrix
== License Type
MIT
== Copyright Notices
```

The MIT License (MIT)  
=====

Copyright © `2018` `Mark Baker`

Permission is hereby granted, free of charge, to any person

obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 2
markbaker/complex
== License Type
MIT
== Copyright Notices
```

```
The MIT License (MIT)
=====
```

Copyright © `2017` `Mark Baker`

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----
--
```

## Third-Party Notices

---

```
== NAME OF DEPENDENCY 3
maennchen/zipstream-php
== License Type
MIT
== Copyright Notices
```

MIT License

```
Copyright (C) 2007-2009 Paul Duncan <pabs@pablotron.org>
Copyright (C) 2014 Jonatan M%nnchen <jonatan@maennchen.ch>
Copyright (C) 2014 Jesse G. Donat <donatj@gmail.com>
Copyright (C) 2018 Nicolas CARPi <nicolas.carpi@curie.fr>
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

```
--
== NAME OF DEPENDENCY 4
ezyang/htmlpurifier
== License Type
GNU Lesser General Public License v2.1
== Copyright Notices
```

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts

---

as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or

other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ""this License""). Each licensee is addressed as ""you"".

A ""library"" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ""Library"", below, refers to any such software library or work which has been distributed under these terms. A ""work based on the Library"" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ""modification".)

""Source code"" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany

it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ""work that uses the Library"", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the ""work that uses the Library"" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is

implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN

WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

## Third-Party Notices

---

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

vim: et sw=4 sts=4

----- (separator) -----  
--"

**Pyzhov Stepan, spyzhov&#x2F;ajson, 0.8.0,**

" ----- Top-Level License -----  
-----

MIT License

Copyright (c) 2019 Pyzhov Stepan

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---Copyright---

Copyright (c) 2019 Pyzhov Stepan

"

Robert Kieffer and other contributors, uid, 9.0.0, "Copyright (c) 2010-2020 Robert Kieffer and other contributors

-----separator-----

The MIT License (MIT)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit

persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----separator-----

"

Rodney Rehm, jQuery Context Menu, 2.9.2, "The MIT License

Copyright (c) 2010-2016 SWIS BV

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

SINTEF-9012, PruneCluster, 2.1.0, " == License.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all

## Third-Party Notices

---

copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

Copyright (c) 2014 SINTEF-9012

"

**Sanin Aleksey aka vogdb, Leaflet ActiveLayers, 0.3.2,**

"

----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2013, Sanin Aleksey aka vogdb

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- BSD-2-Clause

- MIT

----- (separator) -----

-----

== Dependency

leaflet

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2010-2011, CloudMade

Copyright (c) 2010-2019, Vladimir Agafonkin

----- Licenses -----

-----

== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 =====  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

## Third-Party Notices

---

SOFTWARE.

```
"
Shopify,sarama,1.38.0,
" ----- Top-Level License -----
-----
SPDX:MIT

----- Copyright -----
-----
Copyright (c) 2013 Shopify

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT
- MPL-2.0

----- (separator) -----
-----

== Dependency
github.com/DataDog/sketches-go

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2018 DataDog, Inc.
Copyright 2018 Datadog, Inc.

== Notices
Datadog sketches-go
Copyright 2018 Datadog, Inc.

This product includes software developed at Datadog
(https://www.datadoghq.com/).

----- (separator) -----
-----

== Dependency
github.com/Shopify/sarama/examples/consumer

== License Type
SPDX:MIT
```

---

```
== Copyright
Copyright (c) 2013 Shopify
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/Shopify/sarama/examples/exactly_once
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2013 Shopify
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/Shopify/sarama/examples/interceptors
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2013 Shopify
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/Shopify/sarama/examples/txn_producer
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2013 Shopify
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/davecgh/go-spew
```

```
== License Type
ISC License
```

```
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>
```

```
Permission to use, copy, modify, and/or distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.
```

```
THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
```

## Third-Party Notices

---

MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency

github.com/eapache/go-resiliency

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Evan Huus

----- (separator) -----  
-----

== Dependency

github.com/eapache/go-xerial-snappy

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Evan Huus

----- (separator) -----  
-----

== Dependency

github.com/eapache/queue

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Evan Huus

----- (separator) -----  
-----

== Dependency

github.com/golang/snappy

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2016 The Snappy-Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/errwrap

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-multierror

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-uuid

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright © 2015-2022 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/jcmtturner/aescts/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/jcmtturner/dnsutils/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/jcmtturner/gofork

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/jcmtturner/gokrb5/v8

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/jcmtturner/rpc/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/klauspost/compress

== License Type

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2019 Klaus Post. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Files: gzhttp/\*

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the

outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 
2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
  3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
  4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
    - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
    - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
    - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
    - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2016-2017 The New York Times Company

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

Files: s2/cmd/internal/readahead/\*

The MIT License (MIT)

Copyright (c) 2015 Klaus Post

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Files: snappy/\*  
Files: internal/snapref/\*

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Files: s2/cmd/internal/filepathx/\*

Copyright 2016 The filepathx Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### == Copyright

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
 Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.\n"+  
 Copyright (c) 2012 The Go Authors. All rights reserved.  
 Copyright (c) 2013, Yann Collet, released under BSD License.  
 Copyright (c) 2015 Klaus Post  
 Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE file.  
 Copyright (c) 2016 Caleb Spare  
 Copyright (c) 2016 Caleb Spare.  
 Copyright (c) 2019 Klaus Post. All rights reserved.  
 Copyright (c) 2019+ Klaus Post. All rights reserved.\n\n")  
 Copyright (c) 2021 Klaus Post. All rights reserved.  
 Copyright (c) 2022+ Klaus Post. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2011 The Snappy-Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2016 The Snappy-Go Authors. All rights reserved.  
 Copyright 2016 The filepathx Authors  
 Copyright 2016-2017 The New York Times Company  
 Copyright 2018 Klaus Post. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2019+ Klaus Post. All rights reserved.  
 Copyright 2020+ Klaus Post. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
 -----

#### == Dependency

[github.com/pierrec/lz4/v4](https://github.com/pierrec/lz4/v4)

#### == License Type

Copyright (c) 2015, Pierre Curto  
 All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

## Third-Party Notices

---

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of xxHash nor the names of its

contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015, Pierre Curto

----- (separator) -----  
-----

== Dependency

github.com/rcrowley/go-metrics

== License Type

Copyright 2012 Richard Crowley. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided

with the distribution.

THIS SOFTWARE IS PROVIDED BY RICHARD CROWLEY ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL RICHARD CROWLEY OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Richard Crowley.

== Copyright  
Copyright 2012 Richard Crowley. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg-go/pbkdf2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg-go/scram

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xdg-go/stringprep

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright

Copyright 2018 by David A. Golden. All rights reserved.

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/otel

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/otel/exporters/stdout

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/otel/sdk

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

golang.org/x/crypto

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/net

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 gRPC authors.  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 gRPC authors.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal

Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the

## Third-Party Notices

---

Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and

assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
 =====  
 == SPDX:MPL-2.0

Mozilla Public License Version 2.0

## 1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

## Third-Party Notices

---

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify,

display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

## 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

## 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

## 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

## 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions

## Third-Party Notices

---

are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with

a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

#### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

#### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

#### 5. Termination

## Third-Party Notices

---

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

## 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

## 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including

negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

#### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

#### 10. Versions of the License

##### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

##### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

##### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

##### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

##### Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

```
"
Steve Francia,viper,1.16.0,
"622----- Top-Level License -----
-----
SPDX:MIT

----- Copyright -----
-----
Copyright (c) 2014 Steve Francia
Copyright (c) 2017 Canonical Ltd.
Copyright © 2014 Steve Francia <spf@spf13.com>.
Copyright © 2015 Steve Francia <spf@spf13.com>.
Copyright © 2016 Steve Francia <spf@spf13.com>.

----- Fourth Party Dependencies -----
-----
```

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause--modified-by-Google
- MIT
- MPL-2.0

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2019 Google LLC  
Copyright 2019 Google LLC.  
Copyright 2020 Google LLC  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/compute/metadata

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
cloud.google.com/go/firestore

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/longrunning

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC  
Copyright 2020 Google LLC  
Copyright 2020, Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/armon/go-metrics

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Armon Dadgar

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-semver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices

---

CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-systemd/v22

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/fatih/color

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Fatih Arslan

----- (separator) -----  
-----

== Dependency  
github.com/fsnotify/fsnotify

== License Type

## Third-Party Notices

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright © 2012 The Go Authors. All rights reserved.  
Copyright © fsnotify Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/gogo/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/golang/groupcache

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency

github.com/golang/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/google/go-cmp

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/google/s2a-go

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

## == Dependency

github.com/googleapis/enterprise-certificate-proxy

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2022 Google LLC.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/gax-go/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2016, Google Inc.  
Copyright 2018, Google Inc.  
Copyright 2019, Google Inc.  
Copyright 2021 Google LLC  
Copyright 2021, Google Inc.  
Copyright 2022 Google LLC  
Copyright 2022, Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/consul/api

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2013 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-cleanhttp

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-hclog

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2017 HashiCorp

```
----- (separator) -----
-----

== Dependency
github.com/hashicorp/go-immutable-radix

== License Type
SPDX:MPL-2.0

== Copyright
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----
-----

== Dependency
github.com/hashicorp/go-rootcerts

== License Type
SPDX:MPL-2.0

== Copyright
Copyright (c) 2016 HashiCorp, Inc.

----- (separator) -----
-----

== Dependency
github.com/hashicorp/golang-lru

== License Type
SPDX:MPL-2.0

== Copyright
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----
-----

== Dependency
github.com/hashicorp/hcl

== License Type
SPDX:MPL-2.0

== Copyright
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----
-----

== Dependency
github.com/hashicorp/serf

== License Type
SPDX:MPL-2.0
```

## Third-Party Notices

---

== Copyright  
Copyright (c) 2013 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/magiconair/properties

== License Type  
630Copyright (c) 2013-2020, Frank Schroeder

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

- list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

---

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013-2020, Frank Schroeder

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2013-2014 Frank Schroeder. All rights reserved.

Copyright 2013-2022 Frank Schroeder. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/mattn/go-colorable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency

github.com/mattn/go-isatty

== License Type

SPDX:MIT

== Copyright

Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----  
-----

== Dependency

github.com/mitchellh/mapstructure

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency

github.com/modern-go/concurrent

== License Type

SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright  
Copyright (C) Tao Wen

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2021 Free Software Foundation, Inc

----- (separator) -----  
-----

== Dependency  
github.com/pelletier/go-toml/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 - 2022 Thomas Pelletier, Eric Anderton

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/sagikazarmark/crypt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 XOR Data Exchange, Inc.

----- (separator) -----  
-----

== Dependency

---

github.com/spf13/afero

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 tsuru authors. All rights reserved.  
Copyright 2016-present Bjørn Erik Pedersen <bjorn.erik.pedersen@gmail.com>  
Copyright © 2014 Steve Francia <spf@spf13.com>.  
Copyright © 2015 Jerry Jacobs <jerry.jacobs@xor-gate.org>.  
Copyright © 2015 Steve Francia <spf@spf13.com>.  
Copyright © 2016 Steve Francia <spf@spf13.com>.  
Copyright © 2018 Steve Francia <spf@spf13.com>.  
Copyright © 2021 Vasily Ovchinnikov <vasily@remerge.io>.  
Copyright © 2022 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cast

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright © 2014 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/jwalterweatherman

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright © 2016 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/subosito/gotenv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Alif Rachmawadi

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/api/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/pkg/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013 The etcd Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors  
Copyright 2023 The etcd Authors

----- (separator) -----  
-----

---

== Dependency  
go.etcd.io/etcd/client/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2019 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.opencensus.io

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors  
Copyright 2019, OpenCensus Authors  
Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

== License Type  
SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2020-2021 Uber Technologies, Inc.  
Copyright (c) 2020-{{.ToYear}} Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/multierr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2017-2021 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/zap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

---

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/net

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/oauth2

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/time

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this

implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/xerrors

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

google.golang.org/api

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 Google LLC.  
Copyright 2022 Google LLC. All rights reserved.  
Copyright 2023 Google LLC.

----- (separator) -----  
-----

== Dependency

google.golang.org/appengine

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2011 Google Inc. All Rights Reserved.  
Copyright 2011 Google Inc. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google Inc. All Rights Reserved.  
Copyright 2012 Google Inc. All rights reserved.

## Third-Party Notices

---

Copyright 2013 Google Inc. All rights reserved.  
Copyright 2014 Google Inc. All rights reserved.  
Copyright 2015 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google Inc. All Rights Reserved.  
Copyright 2019 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC  
Copyright 2023 The Grafeas Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.

Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/protobuf](http://google.golang.org/protobuf)

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by  
Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive,  
no-charge, royalty-free, irrevocable (except as stated in this section)  
patent license to make, have made, use, offer to sell, sell, import,  
transfer and otherwise run, modify and propagate the contents of this  
implementation of Go, where such license applies only to those patent  
claims, both currently owned or controlled by Google and acquired in

## Third-Party Notices

---

the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/ini.v1

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Unknwon  
Copyright 2015 Unknwon  
Copyright 2016 Unknwon  
Copyright 2017 Unknwon  
Copyright 2019 Unknwon

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type  
646646This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to

use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted.

## Third-Party Notices

---

If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on

## Third-Party Notices

---

the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
-----  
== SPDX:MPL-2.0

Mozilla Public License Version 2.0

### 1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify,

display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions

are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

## 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

## 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with

## Third-Party Notices

---

a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

#### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

#### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including

negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

##### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

##### Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

```
661661661"
Steve Francia,cast,1.5.1,"github.com/spf13/cast
----- Copyrights
Copyright (c) 2014 Steve Francia
Copyright © 2014 Steve Francia <spf@spf13.com>.
```

```
----- License
SPDX:MIT
Permission is hereby granted, free of charge, to any person
obtaining a copy of this software and associated documentation files
(the "Software"), to deal in the Software without restriction, including
without
limitation the rights to use, copy, modify, merge, publish, distribute,
sublicense, and/or sell copies of the Software, and to permit persons to
whom
the Software is furnished to do so, subject to the following conditions:
```

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

ATTRIBUTION-HELPER-GENERATED:

License file based on go.mod with md5 sum:  
3cf198a96e63885b52a5d3527736f9c3"

**Tobias Nyholm,psr7,1.8.1,**

" ----- Top-level license -----  
-----

MIT License

Copyright (c) 2016 Tobias Nyholm

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

same as above

----- Fourth-party information -----

--

---

```
== NAME OF DEPENDENCY 1
psr/http-message
== License Type
MIT
== Copyright Notices
Copyright (c) 2014 PHP Framework Interoperability Group
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

```
--
== NAME OF DEPENDENCY 2
psr/http-factory
== License Type
MIT
== Copyright Notices
MIT License
```

Copyright (c) 2018 PHP-FIG

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**Tobias Nyholm,psr7-server,1.1.0,**

"----- Top-level license -----  
-----

MIT License

Copyright (c) 2018 Tobias Nyholm

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

same as above

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

psr/http-message

== License Type

MIT

== Copyright Notices

Copyright (c) 2014 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

psr/http-factory

== License Type

MIT

== Copyright Notices

MIT License

Copyright (c) 2018 PHP-FIG

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

## Third-Party Notices

---

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE."

**Yuval Kogman, Try::Tiny, 0.31,**  
"TOP-LEVEL copyright Try::Tiny

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

TOP-LEVEL license Try::Tiny

The MIT (X11) License

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the ""Software""), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished  
to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE SOFTWARE.

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

```
-----separator-----
FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #4 Data::Dumper

== License Type
Perl

== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #5 Encode

== License Type
Perl

== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #6 Storable

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type
Perl
```

## Third-Party Notices

---

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type

Perl

---

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

```
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent
```

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

## Third-Party Notices

---

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.

- 
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- end of The Artistic License 1.0 ---

## Third-Party Notices

---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which

contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free

Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

## Third-Party Notices

---

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
adam.ratcliffe@gmail.com,Leaflet ContextMenu,1.5.1,
```

```
" ----- Top-level license -----
-----
```

```
The MIT License (MIT)--
```

```
Copyright (c) 2017 adam.ratcliffe@gmail.com
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

Copyright (c) 2017 adam.ratcliffe@gmail.com

"

elfalem,Leaflet.curve,0.9.2,"The MIT License (MIT)

Copyright (c) 2015-2018 elfalem

This software includes portions of Leaflet.Canvas-Flowmap-Layer (<https://github.com/jwasilgeo/Leaflet.Canvas-Flowmap-Layer>) for canvas rendering : Copyright (c) 2017 Jacob Wasilkowski

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**go-chi authors,render,1.0.3,**

" ----- Top-Level License -----

-----

SPDX:MIT

----- Copyright -----

-----

Copyright (c) 2016-Present <https://github.com/go-chi authors>

----- Fourth Party Dependencies -----

-----

## Third-Party Notices

---

```
----- Licenses -----
-----
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----
-----

== Dependency
github.com/ajg/form

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2014 Alvaro J. Genial. All rights reserved.
Copyright 2014 Alvaro J. Genial. All rights reserved.

----- Licenses -----
-----
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with
or without modification, are permitted provided that the following
conditions
are met:

    * Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
    * Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.
    * Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----
-----
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a
copy
```

of this software and associated documentation files (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `""AS IS""`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

`""`  
**laudis,Neo4j PHP Client and Driver,3.0.5,**  
`""` ----- Top-level license -----  
-----  
Copyright 2020 laudis

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `""AS IS""`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----  
--  
same as top-level license  
----- Fourth-party information -----  
--  
== NAME OF DEPENDENCY 1

## Third-Party Notices

---

```
php-http/discovery
== License Type
MIT
== Copyright Notices
Copyright (c) 2015-2016 PHP HTTP Team <team@php-http.org>
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

```
--
== NAME OF DEPENDENCY 2
psr/http-message
== License Type
MIT
== Copyright Notices
```

Copyright (c) 2014 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

symfony/polyfill-php80

== License Type

MIT

== Copyright Notices

Copyright (c) 2020-present Fabien Potencier

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

stefanak-michal/bolt

== License Type

MIT

== Copyright Notices

MIT License

Copyright (c) 2019 Michal ätefan·k

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 5

psr/simple-cache

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2015 Christian L,ck

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----  
--  
== NAME OF DEPENDENCY 6  
clue/stream-filter  
== License Type  
MIT  
== Copyright Notices
```

```
----- (separator) -----  
--  
== NAME OF DEPENDENCY 7  
php-http/message  
== License Type  
MIT  
== Copyright Notices
```

Copyright (c) 2015-2016 PHP HTTP Team <team@php-http.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----  
--  
== NAME OF DEPENDENCY 8  
laudis/typed-enum
```

## Third-Party Notices

---

```
== License Type
MIT
== Copyright Notices
```

MIT License

Copyright (c) 2020 youngsource

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
--"

lsong,express-favicon,2.0.4,"The MIT License (MIT)

Copyright (c) 2014 Lsong

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

neo4j,Neo4j,5.13.0,use latest copyright notice from the component source header or documentation  
siddontang,go-mysql,1.7.0,"Mozilla Public License Version 2.0  
=====

## 1. Definitions

-----

- 1.1. "Contributor"  
means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.
- 1.2. "Contributor Version"  
means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.
- 1.3. "Contribution"  
means Covered Software of a particular Contributor.
- 1.4. "Covered Software"  
means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.
- 1.5. "Incompatible With Secondary Licenses"  
means
- (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
  - (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. "Executable Form"  
means any form of the work other than Source Code Form.
- 1.7. "Larger Work"  
means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.
- 1.8. "License"  
means this document.
- 1.9. "Licensable"  
means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and

all of the rights conveyed by this License.

### 1.10. "Modifications"

means any of the following:

- (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- (b) any new file in Source Code Form that contains any Covered Software.

### 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

### 1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

### 1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

-----

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

## 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

## 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software;  
or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

## 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

## 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

## 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

## 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

-----

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support,

indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation  
-----

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination  
-----

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

```
*****
*
* 6. Disclaimer of Warranty
* -----
*
* Covered Software is provided under this License on an "as is"
* basis, without warranty of any kind, either expressed, implied, or
* statutory, including, without limitation, warranties that the
* Covered Software is free of defects, merchantable, fit for a
* particular purpose or non-infringing. The entire risk as to the
```

Third-Party Notices

---

\* quality and performance of the Covered Software is with You. \*

\* Should any Covered Software prove defective in any respect, You \*

\* (not any Contributor) assume the cost of any necessary servicing, \*

\* repair, or correction. This disclaimer of warranty constitutes an \*

\* essential part of this License. No use of any Covered Software is \*

\* authorized under this License except under this disclaimer. \*

\* \*

\*\*\*\*\*

\*\*\*\*\*

\* 7. Limitation of Liability \*

\* ----- \*

\* Under no circumstances and under no legal theory, whether tort \*

\* (including negligence), contract, or otherwise, shall any \*

\* Contributor, or anyone who distributes Covered Software as \*

\* permitted above, be liable to You for any direct, indirect, \*

\* special, incidental, or consequential damages of any character \*

\* including, without limitation, damages for lost profits, loss of \*

\* goodwill, work stoppage, computer failure or malfunction, or any \*

\* and all other commercial damages or losses, even if such party \*

\* shall have been informed of the possibility of such damages. This \*

\* limitation of liability shall not apply to liability for death or \*

\* personal injury resulting from such party's negligence to the \*

\* extent applicable law prohibits such limitation. Some \*

\* jurisdictions do not allow the exclusion or limitation of \*

\* incidental or consequential damages, so this exclusion and \*

\* limitation may not apply to You. \*

\* \*

\*\*\*\*\*

8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

-----

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

-----

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

##### Exhibit A - Source Code Form License Notice

-----

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

##### Exhibit B - "Incompatible With Secondary Licenses" Notice

-----

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

----- Top-Level License -----  
-----

----- Copyright -----  
-----

(no copyrights found)

"

**siddontang,go-mysql,1.6.0,**

## Third-Party Notices

---

```
" ----- Top-Level License -----
-----
SPDX:MIT

----- Copyright -----
-----
Copyright (c) 2014 siddontang
Copyright 2012, Google Inc. All rights reserved.

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----
-----

== Dependency
github.com/BurntSushi/toml

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2013 TOML authors
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/davecgh/go-spew

== License Type
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

## == Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Copyright (c) 2013 Dave Collins <dave@davec.name>

Copyright (c) 2013-2016 Dave Collins <dave@davec.name>

Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

## == Dependency

github.com/google/uuid

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009,2014 Google Inc. All rights reserved.

Copyright 2016 Google Inc. All rights reserved.

Copyright 2017 Google Inc. All rights reserved.

Copyright 2018 Google Inc. All rights reserved.

Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/pingcap/errors

## == License Type

SPDX:BSD-2-Clause

## == Copyright

Copyright (c) 2015, Dave Cheney <dave@cheney.net>

Copyright 2020 PingCAP, Inc.

----- (separator) -----  
-----

## == Dependency

github.com/pingcap/log

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright (c) 2016 Uber Technologies, Inc.

Copyright 2019 PingCAP, Inc.

----- (separator) -----  
-----

## == Dependency

github.com/pingcap/parser

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014 The sortutil Authors. All rights reserved.  
Copyright 2013 The ql Authors. All rights reserved.  
Copyright 2014 The goyacc Authors. All rights reserved.  
Copyright 2014 The ql Authors. All rights reserved.  
Copyright 2015 PingCAP, Inc.  
Copyright 2016 PingCAP, Inc.  
Copyright 2017 PingCAP, Inc.  
Copyright 2018 PingCAP, Inc.  
Copyright 2019 PingCAP, Inc.  
Copyright 2020 PingCAP, Inc.  
Copyright 2021 PingCAP, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/pmezard/go-difflib

== License Type  
Copyright (c) 2013, Patrick Mezard  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  
The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2013, Patrick Mezard

----- (separator) -----  
-----

== Dependency  
github.com/shopspring/decimal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Oguz Bilgic  
Copyright (c) 2015 Spring, Inc.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/siddontang/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2010-2012 - Gustavo Niemeyer <gustavo@niemeyer.net>  
Copyright (c) 2011 The LevelDB-Go Authors. All rights reserved.  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright (c) 2014 siddontang  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2012 The LevelDB-Go Authors. All rights reserved.  
Copyright 2012, Google Inc. All rights reserved.  
Copyright 2013 The LevelDB-Go Authors. All rights reserved.  
Copyright 2013, Google Inc. All rights reserved.  
Copyright 2014 The LevelDB-Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/siddontang/go-log

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 siddontang  
Copyright (c) 2017 Birkir A. Barkarson

----- (separator) -----  
-----

== Dependency  
github.com/stretchr/objx

== License Type

## Third-Party Notices

---

SPDX:MIT

== Copyright

Copyright (c) 2014 Stretchr, Inc.

Copyright (c) 2017-2018 objx contributors

----- (separator) -----  
-----

== Dependency

github.com/stretchr/testify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

----- (separator) -----  
-----

== Dependency

go.uber.org/atomic

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Uber Technologies, Inc.

Copyright (c) 2016-2020 Uber Technologies, Inc.

Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency

go.uber.org/multierr

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017 Uber Technologies, Inc.

Copyright (c) 2019 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency

go.uber.org/zap

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Uber Technologies, Inc.

Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
gopkg.in/natefinch/lumberjack.v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Nate Finch

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type  
This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

## Third-Party Notices

---

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or

FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

```
Copyright [yyyy] [name of copyright owner]
```

```
Licensed under the Apache License, Version 2.0 (the ""License"");
```

```
you may not use this file except in compliance with the License.
```

```
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an ""AS IS"" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
```

## Third-Party Notices

---

See the License for the specific language governing permissions and limitations under the License.

```
----- (separator) -----  
-----  
== SPDX:BSD-2-Clause
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer

in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Abigail,Regexp::Common,2017060201.0,"Oracle elects to use under the terms of the MIT license.

TOP-LEVEL copyright for Regexp::Common

## Third-Party Notices

---

This software is Copyright (c) 2001 - 2017, Damian Conway and Abigail.

This module is free software, and maybe used under any of the following licenses:

- 1) The Perl Artistic License. See the file COPYRIGHT.AL.
- 2) The Perl Artistic License 2.0. See the file COPYRIGHT.AL2.
- 3) The BSD License. See the file COPYRIGHT.BSD.
- 4) The MIT License. See the file COPYRIGHT.MIT.

TOP-LEVEL license for Regexp::Common

---MIT License---

Copyright (c) 2001 - 2008, Damian Conway and Abigail

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of MIT License---

TOP-LEVEL copyright for Regexp::Common

This software is Copyright (c) 2001 - 2017, Damian Conway and Abigail.

This module is free software, and maybe used under any of the following licenses:

- 1) The Perl Artistic License. See the file COPYRIGHT.AL.
- 2) The Perl Artistic License 2.0. See the file COPYRIGHT.AL2.
- 3) The BSD License. See the file COPYRIGHT.BSD.

4) The MIT License. See the file COPYRIGHT.MIT.

TOP-LEVEL license for Regexp::Common

---Artistic License 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

#### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

## Third-Party Notices

---

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

#### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes

## Third-Party Notices

---

direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "'AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic License 2.0---

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "'Artistic License'".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

## Third-Party Notices

---

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to

emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

## Third-Party Notices

---

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use

in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

## Third-Party Notices

---

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

## Third-Party Notices

---

Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---MIT License---

Copyright (c) 2001 - 2008, Damian Conway and Abigail

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- end of MIT License---

---BSD License---

Copyright (c) 2001 - 2008, Damian Conway and Abigail  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of its contributors may not be used to endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED  
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of BSD License---

"

**Adam Kennedy, Config::Tiny, 2.29,**

"TOP-LEVEL copyright for Config::Tiny

Copyright 2002 - 2011 Adam Kennedy.

This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license for Config::Tiny

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running

## Third-Party Notices

---

Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it

under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the

interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special

exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE

## Third-Party Notices

---

PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 File::Temp

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Carp::Heavy

== License Type  
Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 File::Path

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 IO::Handle

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #5 IO::Seekable

== License Type

Perl

== Copyright Notices

No copyright info from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

This program is free software; you can redistribute it and/or modify it under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #8 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #9 Data::Dumper

== License Type
Perl

== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #10 Encode

== License Type
Perl

== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #11 File::Spec

== License Type
Perl

== Copyright Notices
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #12 Pod::Man

== License Type
Perl

== Copyright Notices
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>
Substantial contributions by Sean Burke <sburke@cpan.org>.
This program is free software; you may redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #13 Storable

== License Type
Perl

== Copyright Notices
Copyright (c) 1995-2000, Raphael Manfredi
Copyright (c) 2001-2004, Larry Wall
Copyright (c) 2016,2017 cPanel Inc
```

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #14 parent

== License Type  
Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04. This module is released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Scalar::Util

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Pod::Simple

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 XSLoader

== License Type  
Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Cwd

== License Type

---

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
Portions of the C code in this library are copyright (c) 1994 by the  
Regents of the University of California. All rights reserved. The license  
on this code is compatible with the licensing of the rest of the  
distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
This program is distributed in the hope that it will be useful, but  
without any warranty; without even the implied warranty of merchantability  
or fitness for a particular purpose.  
Portions of the data tables in this module are derived from the entity  
declarations in the W3C XHTML specification.  
Currently (October 2001), that's these three:  
<http://www.w3.org/TR/xhtml1/DTD/xhtml1-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml1-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml1-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Text::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

"

**Alex Bowley,HTML::Strip,2.12,**  
"TOP-LEVEL copyright for HTML::Strip

Copyright (c) 2003 Alex Bowley. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license for HTML::Strip

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other

languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights.

## Third-Party Notices

---

These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based

## Third-Party Notices

---

on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

## Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
```

## Third-Party Notices

---

at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

---

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----

FOURTH-PARTY DEPENDENCY #9 parent

== License Type  
Perl

## Third-Party Notices

---

### == Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04. This module is released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

### == License Type

Perl

### == Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 XSLoader

### == License Type

Perl

### == Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Scalar::Util

### == License Type

Perl

### == Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>.

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>

Copyright (C) 2004, 2008 Matthijs van Duin.

All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Cwd

### == License Type

Perl

### == Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Text::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name "Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich. This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----"

Andrew Rodland,Digest::HMAC,1.04,"

TOP-LEVEL copyright for Digest::HMAC

This software is copyright (c) 2021 by Andrew Rodland.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Digest::HMAC

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script

## Third-Party Notices

---

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

## Third-Party Notices

---

- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which

## Third-Party Notices

---

contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free

## Third-Party Notices

---

Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Digest::MD5

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2003 Gisle Aas.  
Copyright 1995-1996 Neil Winton.  
Copyright 1991-1992 RSA Data Security, Inc.  
The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

## Third-Party Notices

---

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Digest::SHA

== License Type  
Perl

== Copyright Notices  
Copyright (C) 2003-2022 Mark Shelor

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Digest::base

== License Type  
Perl

== Copyright Notice  
Copyright 1998-2006 Gisle Aas.  
Copyright 1995,1996 Neil Winton.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 XSLoader

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 MIME::Base64

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I

## Third-Party Notices

---

consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the

basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this

## Third-Party Notices

---

Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

## Third-Party Notices

---

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

## Third-Party Notices

---

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

"

```
Andy Armstrong,Data::Structure::Util,0.16,
"TOP-LEVEL copyright for Data::Structure::Util
```

```
Copyright 2003, 2004 Fotango - All Rights Reserved.
This module is released under the same license as Perl itself.
```

```
TOP-LEVEL license for Data::Structure::Util
```

```
---Perl Licensing---
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

```
It is free software; you can redistribute it and/or modify it under the
terms of either:
```

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

## Third-Party Notices

---

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

---

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each

licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of

Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

## Third-Party Notices

---

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #1 Carp
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #2 Exporter
```

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

---

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name "Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Digest::MD5

== License Type

Perl

== Copyright Notices

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

## Third-Party Notices

---

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Digest::base

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.  
Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>  
The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

## Third-Party Notices

---

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Andy Lester, WWW::Mechanize, 2.17,
"TOP-LEVEL copyright for WWW::Mechanize
```

This software is copyright (c) 2004 by Andy Lester.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

---

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or

copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly

document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

## Third-Party Notices

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

## Third-Party Notices

---

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

## Third-Party Notices

---

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 Exporter

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

---

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Storable

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

-----separator-----

FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #8 parent

== License Type  
Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type  
Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Scalar::Util

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

---

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Getopt::Long

== License Type  
Perl

== Copyright Notices

This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Pod::Usage

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Pod::Perldoc

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Pod::Text

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 File::Spec::Functions

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 File::Temp

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #26 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #29 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #30 HTML::Form

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1998 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #31 HTML::TokeParser

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2005 Gisle Aas.

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 HTML::Tagset

== License Type

Perl

== Copyright Notices

Copyright 1995-2000 Gisle Aas.

Copyright 2000-2005 Sean M. Burke.

Copyright 2005-2008 Andy Lester.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 HTTP::Headers

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 Clone

== License Type

Perl

== Copyright Notices

Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Encode::Locale

== License Type

Perl

== Copyright Notices

Copyright 2010 Gisle Aas <gisle@aas.no>.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 Encode::Alias

== License Type

---

Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #37 HTTP::Date

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 Time::Local

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 Time::Zone

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Graham Barr.

-----separator-----  
FOURTH-PARTY DEPENDENCY #40 Compress::Bzip2

== License Type  
Perl

== Copyright Notices  
Copyright (C) 2005 by Rob Janes

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.3 or, at your option, any later version of Perl 5 you may have available.

-----separator-----  
FOURTH-PARTY DEPENDENCY #41 Compress::Raw::Bzip2

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #42 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #43 Compress::Deflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #44 Compress::Gzip

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #45 IO::HTML

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 IO::Uncompress::Inflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 IO::Uncompress::RawInflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 LWP::MediaTypes

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #49 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

## Third-Party Notices

---

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #50 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #51 URI

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 Net::Domain

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #53 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl

---

itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #54 Socket

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #55 IO::File

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #56 URI::URL

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2000 Gisle Aas.

-----separator-----  
FOURTH-PARTY DEPENDENCY #57 HTTP::Request

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #58 HTTP::Request::Common

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #59 HTML::HeadParser

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #60 HTML::TreeBuilder

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1998 Gisle Aas, 1999-2004 Sean M. Burke, 2005 Andy Lester, 2006 Pete Krawczyk, 2010 Jeff Fearn, 2012 Christopher J. Madsen.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The programs in this library are distributed in the hope that they will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #61 HTML::Entities

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #62 HTML::Parser

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2016 Gisle Aas. All rights reserved.  
Copyright 1999-2000 Michael A. Chase. All rights reserved.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #63 HTTP::Cookies

== License Type

---

Perl

== Copyright Notices

This software is copyright (c) 2002 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #64 HTTP::Headers::Util

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #65 LWP::UserAgent

== License Type

Perl

== Copyright Notices

Copyright 1995-2009 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #66 Digest::MD5

== License Type

Perl

== Copyright Notices

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

## Third-Party Notices

---

License is also granted to make and use derivative works provided that such works are identified as ""derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm"" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided ""as is"" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #67 Digest::base

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2006 Gisle Aas.  
Copyright 1995,1996 Neil Winton.

-----separator-----

FOURTH-PARTY DEPENDENCY #68 File::Listing

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1996-2020 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #69 HTTP::Negotiate

== License Type  
Perl

== Copyright Notices  
Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #70 HTTP::Response

== License Type  
Perl

---

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #71 HTTP::Status

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #72 Net::FTP

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #73 Net::HTTP

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #74 IO::Socket::INET

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #75 IO::Uncompress::Gunzip

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #76 Try::Tiny

== License Type  
MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices  
This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #77 URI::Escape

== License Type

---

Perl

== Copyright Notices  
Copyright 1995-2004 Gisle Aas.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #78 WWW::RobotRules

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009, Gisle Aas  
Copyright 1995, Martijn Koster  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #79 Tie::RefHash

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2006 by øøøø øøø'øø (Yuval Kogman)  
<nothingmuch@woobling.org>.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #80 URI::file

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1998,2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself."

Apache,SVN (Subversion),1.14.2," Apache  
License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

## Third-Party Notices

---

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted""

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

SUBVERSION SUBCOMPONENTS:

Subversion includes a number of subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the following licenses.

For portions of the Python bindings test suite at `subversion/bindings/swig/python/tests/trac/:`

- I. Licensed to the Apache Software Foundation (ASF) under one

or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

- II. Copyright (C) 2003, 2004, 2005 Edgewall Software  
Copyright (C) 2003, 2004, 2005 Jonas Borgstr m <jonas@edgewall.com>  
Copyright (C) 2005 Christopher Lenz <cmlenz@gmx.de>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in

the

the documentation and/or other materials provided with the distribution.

3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

For the file `subversion/libsvn_subr/utf_width.c`

- \* Markus Kuhn -- 2007-05-26 (Unicode 5.0)
- \*
- \* Permission to use, copy, modify, and distribute this software
- \* for any purpose and without fee is hereby granted. The author
- \* disclaims all warranties with regard to this software.

For the (modified) utf8proc library in subversion/libsvn\_subr/utf8proc

Copyright (c) 2009 Public Software Group e. V., Berlin, Germany

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"),

to deal in the Software without restriction, including without limitation

the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This software distribution contains derived data from a modified version of

the Unicode data files. The following license applies to that data:

#### COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1991-2007 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data

Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and

to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the

above copyright notice(s) and this permission notice appear in associated

documentation, and (c) there is clear notice in each modified Data File or

in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

## Third-Party Notices

---

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Unicode and the Unicode logo are trademarks of Unicode, Inc., and may be registered in some jurisdictions. All other trademarks and registered trademarks mentioned herein are the property of their respective owners.

For the files `subversion/libsvn_subr/x509parse.c` and `subversion/libsvn_subr/x509.h`

```
* Based on XySSL: Copyright (C) 2006-2008  Christophe Devine
*
* Copyright (C) 2009  Paul Bakker <polarssl_maintainer at polarssl dot
org>
*
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
*   * Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
*   * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
*   * Neither the names of PolarSSL or XySSL nor the names of its
contributors
*   may be used to endorse or promote products derived from this
software
*   without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT
* OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
```

\* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

For the (modified) 'linenoise' library in tools/dev/svnmover/linenoise

Copyright (c) 2010-2014, Salvatore Sanfilippo <antirez at gmail dot com>  
Copyright (c) 2010-2013, Pieter Noordhuis <pcnoordhuis at gmail dot com>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

For the (modified) LZ4 library files in subversion/libsvn\_subr/lz4

LZ4 Library  
Copyright (c) 2011-2016, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

## Third-Party Notices

---

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

For the Autoconf Archive macros for Boost:

\* in build/ac-macros/ax\_boost\_base.m4:

Copyright (c) 2008 Thomas Porschberg <thomas@randspringer.de>  
Copyright (c) 2009 Peter Adolphs

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved. This file is offered as-is, without any warranty.

\* in build/ac-macros/ax\_boost\_unit\_test\_framework.m4:

Copyright (c) 2008 Thomas Porschberg <thomas@randspringer.de>

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved. This file is offered as-is, without any warranty.

"  
**Apache 2.0, esri-leaflet, 3.0.10,**  
" ----- Top-level license -----  
-----

Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

---

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of

the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this

License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright (c) 2014-2019 Environmental Systems Research Institute, Inc.

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

contains code from leaflet-ags:

The MIT License (MIT)

Copyright (c) 2013 Sanborn Map Company, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the  
"Software"), to deal  
in the Software without restriction, including without limitation  
the rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or  
sell  
copies of the Software, and to permit persons to whom the Software  
is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be  
included in  
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT  
SHALL THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR  
OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,  
ARISING FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS IN  
THE SOFTWARE.

-----

contains code from arcgis-level-fixer:

The MIT License (MIT)

Copyright (c) 2014 Geographic Information Services, Inc.

Permission is hereby granted, free of charge, to any person  
obtaining a copy  
of this software and associated documentation files (the  
"Software"), to deal  
in the Software without restriction, including without limitation  
the rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or  
sell  
copies of the Software, and to permit persons to whom the Software  
is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be  
included in all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

Fourth party

terraformer/arcgis@2.1.2

License MIT

Copyright (c) 2013-2019 Environmental Systems Research Institute, Inc

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

Fifth party

terraformer/common@2.1.2

License MIT

Copyright (c) 2013-2019 Environmental Systems Research Institute, Inc

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

Fourth party

tiny-binary-search@1.0.3

License Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the

direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,

any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright Esri 2015

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

"

Arne Johannessen,Neo4j::Types,1.0,"

Copyright (c) 2021 Arne Johannessen

License Name: Artistic License 2.0

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this  
license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software  
Package may be copied, modified, distributed, and/or redistributed. The  
intent is that the Copyright Holder maintains some artistic control over  
the development of that Package while still keeping the Package available  
as open source and free software.

You are always permitted to make arrangements wholly outside of this  
license directly with the Copyright Holder of a given Package. If the  
terms of this license do not permit the full use that you propose to make  
of the Package, you should contact the Copyright Holder and seek a  
different licensing arrangement.

Definitions

"Copyright Holder" means the individual(s) or organization(s) named in  
the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other  
material to the Package, in accordance with the Copyright Holder's  
procedures.

"You" and "your" means any person who would like to copy, distribute,  
or modify the Package.

"Package" means the collection of files distributed by the Copyright  
Holder, and derivatives of that collection and/or of those files. A given  
Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it  
accessible to anyone else, or in the case of a company or organization, to  
others outside of your company or organization.

"Distributor Fee" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

"Standard Version" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

"Modified Version" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

"Original License" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

"Source" form means the source code, documentation source, and configuration files for the Package.

"Compiled" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims

licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

**Arne Johannessen, Neo4j::Driver, 0.40,**  
"TOP-LEVEL copyright for Neo4j::Driver

This software is Copyright (c) 2016-2023 by Arne Johannessen.

This is free software; you can redistribute it and/or modify it under the terms of the Artistic License 2.0 or (at your option) the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Neo4j::Driver

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-

## Third-Party Notices

---

standard features, executables, or modules, and provided that you do at least ONE of the following:

- (a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.
- (b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.
- (c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under
  - (i) the Original License or
  - (ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not

considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

## Third-Party Notices

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

## Third-Party Notices

---

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

---

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 Exporter

```
== License Type
Perl
```

## Third-Party Notices

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

## Third-Party Notices

---

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 JSON::MaybeXS

== License Type  
Perl

== Copyright Notices

AUTHOR

mst - Matt S. Trout (cpan:MSTROUT) <mst@shadowcat.co.uk>

CONTRIBUTORS

Clinton Gormley <drtech@cpan.org>

Karen Etheridge <ether@cpan.org>

Kieren Diment <diment@gmail.com>

Copyright (c) 2013 the JSON::MaybeXS ""AUTHOR"" and ""CONTRIBUTORS"" as listed above.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 JSON::PP

== License Type  
Perl

== Copyright Notices

Copyright 2007-2016 by Makamaka Hannyaharamitu

Most of the documentation is taken from JSON::XS by Marc Lehmann

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 LWP::UserAgent

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #19 Digest::MD5

== License Type  
Perl

== Copyright Notices  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.  
Copyright 1995-1996 Neil Winton.  
Copyright 1991-1992 RSA Data Security, Inc.  
The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----  
FOURTH-PARTY DEPENDENCY #20 Digest::base

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2006 Gisle Aas.

Copyright 1995,1996 Neil Winton.

-----separator-----  
FOURTH-PARTY DEPENDENCY #21 Encode::Locale

== License Type  
Perl

== Copyright Notices  
Copyright 2010 Gisle Aas <gisle@aas.no>.

-----separator-----  
FOURTH-PARTY DEPENDENCY #22 Encode::Alias

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 File::Listing

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1996-2020 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 HTTP::Date

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 Time::Local

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #26 Time::Zone

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Graham Barr.

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 File::Temp

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #29 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #30 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #31 IO::Seekable

== License Type  
Perl

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #32 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #33 Getopt::Long

== License Type  
Perl Artistic License or GNU General Public License

== Copyright Notices  
This program is Copyright 1990,2015,2023 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #34 Pod::Usage

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #35 Pod::Perldoc

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2007 Sean M. Burke.

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 Pod::Text

== License Type  
Perl

== Copyright Notices

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #37 File::Spec::Functions

== License Type  
Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #38 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #39 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002-2004 Sean M. Burke.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 HTML::Entities

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 HTML::Tagset

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2000 Gisle Aas.

Copyright 2000-2005 Sean M. Burke.

Copyright 2005-2008 Andy Lester.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 HTTP::Headers

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

## Third-Party Notices

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 Clone

== License Type  
Perl

== Copyright Notices  
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 IO::Compress::Bzip2

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 IO::Compress::Deflate

== License Type

---

Perl

== Copyright Notices

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #49 IO::Compress::Gzip

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #50 IO::HTML

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #51 IO::Uncompress::Inflate

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 IO::Uncompress::RawInflate

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #53 LWP::MediaTypes

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #54 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----  
FOURTH-PARTY DEPENDENCY #55 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #56 URI

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #57 Net::Domain

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself, i.e. under the terms of either the GNU General Public License or the Artistic License, as specified in the LICENCE file.

-----separator-----

FOURTH-PARTY DEPENDENCY #58 IO::Socket

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #59 Socket

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #60 IO::File

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #61 URI::URL

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2000 Gisle Aas.

-----separator-----  
FOURTH-PARTY DEPENDENCY #62 HTML::HeadParser

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #63 HTTP::Cookies

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #64 HTTP::Headers::Util

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #65 HTTP::Request

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #66 HTTP::Request::Common

---

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #67 HTTP::Negotiate

== License Type  
Perl

== Copyright Notices  
Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #68 HTTP::Response

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #69 HTTP::Status

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #70 Net::FTP

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #71 Net::HTTP

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #72 IO::Socket::INET

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #73 IO::Uncompress::Gunzip

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #74 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

This software is Copyright (c) 2009 by ØØØØ ØØØ'ØØ (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #75 WWW::RobotRules

== License Type

Perl

== Copyright Notices

Copyright 1995-2009, Gisle Aas

Copyright 1995, Martijn Koster

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #76 URI::Escape

== License Type

Perl

== Copyright Notices

Copyright 1995-2004 Gisle Aas.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #77 Neo4j::Types

== License Type

The Artistic License 2.0 (GPL Compatible)

== Copyright Notices

This software is Copyright (c) 2021 by Arne Johannessen.

This is free software, licensed under:

## Third-Party Notices

---

The Artistic License 2.0 (GPL Compatible)

-----separator-----

FOURTH-PARTY DEPENDENCY #78 Time::Piece

== License Type

Perl

== Copyright Notices

Copyright 2001, Larry Wall.

This module is free software, you may distribute it under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #79 HTTP::CookieJar::LWP

== License Type

The Apache License

== Copyright Notices

This software is Copyright (c) 2013 by David Golden.

This is free software, licensed under:

The Apache License, Version 2.0, January 2004

-----separator-----

FOURTH-PARTY DEPENDENCY #80 Module::Load

== License Type

Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #81 Neo4j::Error

== License Type

The Artistic License 2.0

== Copyright Notices

This software is Copyright (c) 2023 by Arne Johannessen.

This is free software; you can redistribute it and/or modify it under the terms of the Artistic License 2.0 or (at your option) the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #82 Devel::StackTrace

== License Type

---

The Artistic License 2.0

== Copyright Notices

This software is Copyright (c) 2000 - 2019 by David Rolsky.

This is free software, licensed under:

The Artistic License 2.0 (GPL Compatible)

-----separator-----

FOURTH-PARTY DEPENDENCY #83 List::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Recent additions and current maintenance by Paul Evans,  
<leonerdd@leonerdd.org.uk>.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl

## Third-Party Notices

---

interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it

under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the

## Third-Party Notices

---

interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special

exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE

## Third-Party Notices

---

PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

---

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

#### Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

"You" and "your" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

## Third-Party Notices

---

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

--- The Apache License, Version 2.0, January 2004 ---

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily

infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file

distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

--- end of The Apache License, Version 2.0, January 2004 ---"

**Barry Pederson,php-amqplib&#x2F;php-amqplib,3.6.0,**

" ----- Top-level license -----  
-----

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a

combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the

Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the

Library will not necessarily be able to recompile the application to use the modified definitions.)

- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute

the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## Third-Party Notices

---

END OF TERMS AND CONDITIONS

----- Copyright notices -----

--

none

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

paragonie/random\_compat

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2015 Paragon Initiative Enterprises

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

paragonie/constant\_time\_encoding

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2016 - 2022 Paragon Initiative Enterprises

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
This library was based on the work of Steve "Sc00bz" Thomas.  
-----  
-----

The MIT License (MIT)

Copyright (c) 2014 Steve Thomas

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

## Third-Party Notices

---

SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

phpseclib/phpseclib

== License Type

MIT

== Copyright Notices

Copyright (c) 2011-2019 TerraFrost and other contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."  
Boris Sukholitko,SVN::Agent,0.04,"TOP-LEVEL copyright for SVNAgent

==No copyright information from the source. The below note confirms that license is perl

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for SVNAgent

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together

---

with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

## Third-Party Notices

---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The

"Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three

years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals

of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

## Third-Party Notices

---

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

```
FOURTH-PARTY DEPENDENCY #1 Carp
== License Type
Perl
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #2 Exporter
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
```

---

```
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode
== License Type
Perl
== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type
Perl
== Copyright Notices
Copyright (c) 1995-2000, Raphael Manfredi
Copyright (c) 2001-2004, Larry Wall
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type
Perl
== Copyright Notices
Copyright (C) 1990-2011 by Larry Wall and others.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #7 parent

== License Type
Perl
== Copyright Notices
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea
of base.pm, which was introduced with Perl 5.004_04.
-----separator-----
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type
Perl
== Copyright Notices
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type
Perl
```

## Third-Party Notices

---

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

---

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type

Perl (Part of base perl distribution. License type is Perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich. This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Class::Accessor

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 File::Slurp

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 File::Temp

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::Handle

== License Type

Perl

== Copyright Notices

No copyright information from source

-----separator-----

"

Brett Woolridge,HikariCP,5.1.0,"

-----  
Top Level Component:

-----  
com.zaxxer:HikariCP

-----  
Top Level Component Copyright Notices:

-----  
## Copyright

Copyright (C) 2013, 2014 Brett Wooldridge

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* <http://www.apache.org/licenses/LICENSE-2.0>

\*

\* Unless required by applicable law or agreed to in writing, software  
\* distributed under the License is distributed on an "AS IS" BASIS,  
\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

## Licensing

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.

-----Separator-----  
-----

=====  
===== Third-party  
=====

1# org.slf4j:slf4j-api

1# Copyright Notices:

## Copyright

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)  
All rights reserved.

## Licensing

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
===== Licenses  
=====

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities

that control, are controlled by, or are under common control with that entity.

For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and

issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

## 2. Grant of Copyright License.

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

## 3. Grant of Patent License.

Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

## 4. Redistribution.

You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

## Third-Party Notices

---

You must give any other recipients of the Work or Derivative Works a copy of this License; and  
You must cause any modified files to carry prominent notices stating that You changed the files; and  
You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and  
If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.  
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

### 5. Submission of Contributions.

Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

## 6. Trademarks.

This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

## 7. Disclaimer of Warranty.

Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

## 8. Limitation of Liability.

In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

## 9. Accepting Warranty or Additional Liability.

While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

## Third-Party Notices

---

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

"

**Brian White,connect-busboy,1.0.0,**

\*\*\*\*\*  
\*\*\*\*\* Copied from BA Public License \*\*\*\*\*

----- Top-level license -----  
--

Copyright Brian White. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or

sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright Brian White. All rights reserved.

----- Fourth-party information -----

-----

== NAME OF DEPENDENCY 1

Busboy

== License

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or

sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS

IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright Brian White. All rights reserved.

== NAME OF DEPENDENCY 2

streamsearch

== License

Copyright Brian White. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or

sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

## Third-Party Notices

---

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright Brian White. All rights reserved.

"

**CPAN,Math::BigInt::FastCalc,0.5013,**

"TOP-LEVEL copyright for Math::BigInt::FastCalc

No copyright info from source

TOP-LEVEL license for Math::BigInt::FastCalc

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or

b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package

modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall

neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free

## Third-Party Notices

---

software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use

the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED

TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

## Third-Party Notices

---

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #1 Carp
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #2 Exporter
```

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
```

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #4 Encode
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
```

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license

---

on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

## Third-Party Notices

---

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 if

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

---

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications

derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a

binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make

sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer

## Third-Party Notices

---

the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

---

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
CPAN,Pod::Usage,2.03,"TOP-LEVEL copyright for Pod::Usage
```

```
This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.
```

```
TOP-LEVEL license for Pod::Usage
```

```
---Perl Licensing----
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

```
It is free software; you can redistribute it and/or modify it under the
terms of either:
```

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

```
For those of you that choose to use the GNU General Public License, my
interpretation of the GNU General Public License is that no Perl script
falls under the terms of the GPL unless you explicitly put said script
under the terms of the GPL yourself.
```

```
Furthermore, any object code linked with perl does not automatically fall
under the terms of the GPL, provided such object code only adds
definitions of subroutines and variables, and does not otherwise impair
the resulting interpreter from executing any standard Perl script. I
consider linking in C subroutines in this manner to be the moral
equivalent of defining subroutines in the Perl language itself. You may
sell such an object file as proprietary provided that you provide or offer
to provide the Perl source, as specified by the GNU General Public
License. (This is merely an alternate way of specifying input to the
program.) You may also sell a binary produced by the dumping of a running
Perl script that belongs to you, provided that you provide or offer to
provide the Perl source as specified by the GPL. (The fact that a Perl
```

---

interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it

under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the

interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public

## Third-Party Notices

---

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special

exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE

PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

## Third-Party Notices

---

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 Scalar::Util

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
```

Additionally "weaken" and "isweak" which are

```
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as perl itself.
```

```
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright
(C) 2014 cPanel Inc. All rights reserved. This program is free software;
```

---

you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Storable

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

## Third-Party Notices

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type

Perl

---

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Text::Wrap

== License Type  
Perl (Part of base perl distribution. License type is Perl)

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `""Text::Wrap""` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Pod::Perldoc

== License Type

Perl

== Copyright Notices

Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 File::Spec::Functions

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 File::Temp

== License Type

Perl

---

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Carp::Heavy

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #21 File::Path

== License Type

Perl

== Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 IO::Handle

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #23 IO::Seekable

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #24 constant

== License Type

Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #26 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but  
without any warranty; without even the implied warranty of merchantability  
or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but  
without any warranty; without even the implied warranty of merchantability  
or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 Pod::Text

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #29 Text::ParseWords

== License Type
Perl

== Copyright Notices
No copyright from source.
This library is free software; you may redistribute and/or modify it under
the same terms as Perl itself.

-----separator-----
"
CPAN,Encode::Encoding,3.19,
"TOP-LEVEL copyright for Encode::Encoding

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

TOP-LEVEL license for Encode::Encoding

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the
terms of either:

a) the GNU General Public License as published by the Free Software
Foundation; either version 1, or (at your option) any later version, or

b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my
interpretation of the GNU General Public License is that no Perl script
falls under the terms of the GPL unless you explicitly put said script
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall
under the terms of the GPL, provided such object code only adds
definitions of subroutines and variables, and does not otherwise impair
the resulting interpreter from executing any standard Perl script. I
consider linking in C subroutines in this manner to be the moral
equivalent of defining subroutines in the Perl language itself. You may
sell such an object file as proprietary provided that you provide or offer
to provide the Perl source, as specified by the GNU General Public
License. (This is merely an alternate way of specifying input to the
program.) You may also sell a binary produced by the dumping of a running
Perl script that belongs to you, provided that you provide or offer to
provide the Perl source as specified by the GPL. (The fact that a Perl
```

## Third-Party Notices

---

interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it

under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the

interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "`Program`", below, refers to any such program or work, and a "`work based on the Program`" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "`you`".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special

exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE

## Third-Party Notices

---

PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

## Third-Party Notices

---

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type

Perl (This is part of the base Perl distribution. License type is Perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013

Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not

## Third-Party Notices

---

```
publicly redistribute modified versions of this code with the name
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.
-----separator-----
FOURTH-PARTY DEPENDENCY #16 if
== License Type
Perl
== Copyright Notices
This software is copyright (c) 2002 by Ilya Zakharevich.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
-----separator-----
"
```

### **CPAN, DBD-MYSQL, 4.050,**

```
"TOP-LEVEL copyright for DBD:mysql
```

```
This software is copyright (c) 2015 by Patrick Galbraith, Michiel Beijen
and
all other contributors.
```

```
TOP-LEVEL license for DBD:mysql
```

```
---Perl Licensing---
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

```
It is free software; you can redistribute it and/or modify it under the
terms of either:
```

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

```
For those of you that choose to use the GNU General Public License, my
interpretation of the GNU General Public License is that no Perl script
falls under the terms of the GPL unless you explicitly put said script
under the terms of the GPL yourself.
```

```
Furthermore, any object code linked with perl does not automatically fall
under the terms of the GPL, provided such object code only adds
definitions of subroutines and variables, and does not otherwise impair
the resulting interpreter from executing any standard Perl script. I
consider linking in C subroutines in this manner to be the moral
equivalent of defining subroutines in the Perl language itself. You may
sell such an object file as proprietary provided that you provide or offer
to provide the Perl source, as specified by the GNU General Public
License. (This is merely an alternate way of specifying input to the
program.) You may also sell a binary produced by the dumping of a running
Perl script that belongs to you, provided that you provide or offer to
provide the Perl source as specified by the GPL. (The fact that a Perl
interpreter and your code are in the same binary file is, in this case, a
form of mere aggregation.)
```

---

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this

Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free

software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use

## Third-Party Notices

---

the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED

TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

## Third-Party Notices

---

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 DBI

== License Type  
Perl

== Copyright Notices  
DBI is Copyright (c) 1994-2015 by Tim Bunce and others.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the

program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

## Third-Party Notices

---

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it.

You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING

WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the

## Third-Party Notices

---

appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
CPAN,Text::ParseWords,3.31,
"TOP-LEVEL copyright for Text::ParseWords
```

```
==No copyright information from source. Below note confirms license.
```

```
This library is free software; you may redistribute and/or modify it under
the same terms as Perl itself.
```

```
TOP-LEVEL license for Text::ParseWords
```

```
---Perl Licensing---
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

```
It is free software; you can redistribute it and/or modify it under the
terms of either:
```

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

```
For those of you that choose to use the GNU General Public License, my
interpretation of the GNU General Public License is that no Perl script
falls under the terms of the GPL unless you explicitly put said script
under the terms of the GPL yourself.
```

```
Furthermore, any object code linked with perl does not automatically fall
under the terms of the GPL, provided such object code only adds
definitions of subroutines and variables, and does not otherwise impair
the resulting interpreter from executing any standard Perl script. I
consider linking in C subroutines in this manner to be the moral
equivalent of defining subroutines in the Perl language itself. You may
```

---

sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the

## Third-Party Notices

---

Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However,

you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and

appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is

## Third-Party Notices

---

allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN

OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

## Third-Party Notices

---

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
CPAN,Socket,2.036,
"TOP-LEVEL copyright for Socket
```

```
==No copyright info provided by author. The below note provides the
history.
```

This module was originally maintained in Perl core by the Perl 5 Porters.

It was extracted to dual-life on CPAN at version 1.95 by Paul Evans  
<leonerd@leonerd.org.uk>

TOP-LEVEL license for Socket

```
---Perl Licensing---
```

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

## Third-Party Notices

---

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

- 
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

## Third-Party Notices

---

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

"

**Canonical Ltd., yaml, 2.4.0,**

" ----- Top-Level License -----

-----  
MIT-3c91c172

----- Copyright -----

-----

```
Copyright (c) 2006-2010 Kirill Simonov
Copyright (c) 2006-2011 Kirill Simonov
Copyright (c) 2011-2019 Canonical Ltd
Copyright 2011-2016 Canonical Ltd.
```

----- Notices -----

-----  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

"

**Canonical Ltd.,yaml,3.0.1,"**

\*\*\*\*\*

----- Top-Level License -----

-----  
MIT-3c91c172  
SPDX:Apache-2.0

----- Copyright -----

-----  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

----- Notices -----

-----  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----Licenses-----

-----  
#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

## Third-Party Notices

---

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
SPDX:Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

"  
Caolan McMahon, async, 3.2.4,"

Copyright (c) 2010-2018 Caolan McMahon

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"  
**"Cerner Innovation, Inc.", canadarm, 1.0.2,**  
" ----- Top-level license -----  
-----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Copyright notices -----

--

Copyright 2015 Cerner Innovation, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

"

Charlie Robbins,winston,3.8.2,[Automatically populated from the Public License field]

Christian Augustin,UUID::Tiny,1.04,"TOP-LEVEL copyright for UUID::Tiny

Copyright 2009, 2010, 2013 Christian Augustin, all rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

ITO Nobuaki has very graciously given me permission to take over copyright for the portions of code that are copied from or resemble his work

TOP-LEVEL license for UUID::Tiny

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.

## Third-Party Notices

---

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is,

---

when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a

copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will

## Third-Party Notices

---

be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the

""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ""copyright disclaimer"" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type

Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Digest::MD5

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Digest::base

== License Type  
Perl

== Copyright Notices  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and

---

code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::File

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 File::Temp

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #25 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 Time::HiRes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2002 Douglas E. Wegscheid. All rights reserved.  
Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008 Jarkko Hietaniemi.  
All rights reserved.  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved,

## Third-Party Notices

---

and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this

Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and

disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

## Third-Party Notices

---

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
DOMPDF,DOMPDF,2.0.3,
```

```
" ----- Top-level license -----
-----
```

```
GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999
```

```
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
```

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether

this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with

the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is

included without limitation in the term ""modification"".)

""Source code"" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and

therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the

Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies,

---

or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add

## Third-Party Notices

---

an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

----- Copyright notices -----

--

-- lib/fonts/mustRead.html

This file and the 14 PostScript(R) AFM files it accompanies may be used, copied, and distributed for any purpose and without charge, with or

without modification, provided that all copyright notices are retained; that the AFM files are not distributed without this file; that all modifications to this file or any of the AFM files are prominently noted in the modified file(s); and that this paragraph is not modified. Adobe Systems has no responsibility or obligation to support the use of the AFM files.

-- lib/fonts/Courier-Bold.afm  
Copyright (c) 1989, 1990, 1991, 1993, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Courier-Bold.afm  
Copyright (c) 1989, 1990, 1991, 1993, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Courier-BoldOblique.afm  
Copyright (c) 1989, 1990, 1991, 1993, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Courier-BoldOblique.afm  
Copyright (c) 1989, 1990, 1991, 1993, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Courier-Oblique.afm  
Copyright (c) 1989, 1990, 1991, 1992, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.

-- lib/fonts/Courier-Oblique.afm  
Copyright (c) 1989, 1990, 1991, 1992, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.

-- lib/fonts/Courier.afm  
Copyright (c) 1989, 1990, 1991, 1992, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.

-- lib/fonts/Courier.afm  
Copyright (c) 1989, 1990, 1991, 1992, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.

-- lib/fonts/Helvetica-Bold.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Helvetica-Bold.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved. Helvetica is a trademark of Linotype-Hell AG and/or its subsidiaries.

-- lib/fonts/Helvetica-BoldOblique.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Helvetica-BoldOblique.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved. Helvetica is a trademark of Linotype-Hell AG and/or its subsidiaries.

-- lib/fonts/Helvetica-Oblique.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Helvetica-Oblique.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved. Helvetica is a trademark of Linotype-Hell AG and/or its subsidiaries.

-- lib/fonts/Helvetica.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated.  
All Rights Reserved.

-- lib/fonts/Helvetica.afm

## Third-Party Notices

---

Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated. All Rights Reserved. Helvetica is a trademark of Linotype-Hell AG and/or its subsidiaries.  
-- lib/fonts/Symbol.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated. All rights reserved.  
-- lib/fonts/Symbol.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1997 Adobe Systems Incorporated. All rights reserved.  
-- lib/fonts/Times-Bold.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.  
-- lib/fonts/Times-Bold.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved. Times is a trademark of Linotype-Hell AG and/or its subsidiaries.  
-- lib/fonts/Times-BoldItalic.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.  
-- lib/fonts/Times-BoldItalic.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved. Times is a trademark of Linotype-Hell AG and/or its subsidiaries.  
-- lib/fonts/Times-Italic.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.  
-- lib/fonts/Times-Italic.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved. Times is a trademark of Linotype-Hell AG and/or its subsidiaries.  
-- lib/fonts/Times-Roman.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved.  
-- lib/fonts/Times-Roman.afm  
Copyright (c) 1985, 1987, 1989, 1990, 1993, 1997 Adobe Systems Incorporated. All Rights Reserved. Times is a trademark of Linotype-Hell AG and/or its subsidiaries.  
-- lib/fonts/ZapfDingbats.afm  
Copyright (c) 1985, 1987, 1988, 1989, 1997 Adobe Systems Incorporated. All Rights Reserved.  
-- lib/fonts/ZapfDingbats.afm  
Copyright (c) 1985, 1987, 1988, 1989, 1997 Adobe Systems Incorporated. All Rights Reserved. ITC Zapf Dingbats is a registered trademark of International Typeface Corporation.  
----- Fourth-party information -----  
--  
== NAME OF DEPENDENCY 1  
sabberworm/php-css-parser  
== License Type  
MIT  
== Copyright Notices  
MIT License  
  
Copyright (c) 2011 Raphael Schweikert, <https://www.sabberworm.com/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 2

phenx/php-svg-lib

== License Type

LGPL 3.0

== Copyright Notices

Copyright (C) 2007 Free Software Foundation, Inc.

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 3

phenx/php-font-lib

== License Type

LGPL 2.1

== Copyright Notices

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 4

masterminds/html5

== License Type

MIT

== Copyright Notices

## HTML5-PHP License

Copyright (c) 2013 The Authors of HTML5-PHP

Matt Butcher - mattbutcher@google.com

Matt Farina - matt@mattfarina.com

Asmir Mustafic - goetas@gmail.com

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## HTML5Lib License

Portions of this are based on html5lib's PHP version, which was a sub-project of html5lib. The following is the list of contributors from html5lib:

html5lib:

Copyright (c) 2006-2009 The Authors

Contributors:

James Graham - jg307@cam.ac.uk  
Anne van Kesteren - annivankesteren@gmail.com  
Lachlan Hunt - lachlan.hunt@lachy.id.au  
Matt McDonald - kanashii@kanashii.ca  
Sam Ruby - rubys@intertwingly.net  
Ian Hickson (Google) - ian@hixie.ch  
Thomas Broyer - t.broyer@ltgt.net  
Jacques Distler - distler@golem.ph.utexas.edu  
Henri Sivonen - hsivonen@iki.fi  
Adam Barth - abarth@webkit.org  
Eric Seidel - eric@webkit.org  
The Mozilla Foundation (contributions from Henri Sivonen since 2008)  
David Flanagan (Mozilla) - dflanagan@mozilla.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in

the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
----- (separator) -----

--

== LICENSES

.

== Text of license (LGPL 3.0)

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

#### 0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked

Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of

the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d) Do one of the following:
  - 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.
  - 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.
- e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

## Third-Party Notices

---

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library."

Daisuke Murase,Array::Diff,0.09,"TOP-LEVEL copyright for Array::Diff

Copyright (c) 2009 by Daisuke Murase.

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Array::Diff

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or

b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved,

## Third-Party Notices

---

and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this

Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and

disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

## Third-Party Notices

---

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Algorithm::Diff

```
== License Type
Perl
```

```
== Copyright Notices
```

```
Parts Copyright (c) 2000-2004 Ned Konz. All rights reserved. Parts by Tye
McQueen.
```

```
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl.
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 Class::Accessor::Fast

```
== License Type
Perl
```

```
== Copyright Notices
```

```
Copyright 2017 Marty Pauley <marty+perl@martian.org>
```

```
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself. That means either (a) the GNU General
Public License or (b) the Artistic License.
```

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Third-Party Notices

---

### Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED ""AS IS"" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

## Third-Party Notices

---

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free

Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify

## Third-Party Notices

---

it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Daniel J. Urist, Proc::ProcessTable, 0.636,
"TOP-LEVEL copyright for Proc::ProcessTable
```

Copyright (c) 1998-2008 Daniel J. Urist. All rights reserved.  
This package is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Proc::ProcessTable

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

### Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

### Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

## Third-Party Notices

---

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these

## Third-Party Notices

---

conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the

recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

## Third-Party Notices

---

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---"  
 Dave Cheney,errors,0.9.1,"Copyright (c) 2015, Dave Cheney  
 <dave@cheney.net>  
 All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification, are permitted provided that the following conditions are  
 met:

\* Redistributions of source code must retain the above copyright notice,  
 this  
 list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
 notice,  
 this list of conditions and the following disclaimer in the  
 documentation  
 and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
 IS""  
 AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
 IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
 ARE  
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
 LIABLE  
 FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
 CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
 LIABILITY,  
 OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
 USE  
 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.  
 "

**Dave Rolsky,Specio,0.48,"**

TOP-LEVEL copyright for Specio

This software is Copyright (c) 2012 - 2022 by Dave Rolsky.

This is free software, licensed under:

The Artistic License 2.0 (GPL Compatible)  
 The full text of the license can be found in the LICENSE file included  
 with this distribution.

TOP-LEVEL license for Specio

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

## Third-Party Notices

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

## Third-Party Notices

---

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

---end of Artistic Licensing 2.0---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Devel::StackTrace

== License Type  
Artistic License 2.0

## == Copyright Notices

This software is Copyright (c) 2000 - 2019 by David Rolsky.

This is free software, licensed under:

The Artistic License 2.0 (GPL Compatible)

The full text of the license can be found in the LICENSE file included with this distribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Eval::Closure

## == License Type

perl

## == Copyright Notices

This software is copyright (c) 2016 by Jesse Luehrs.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 constant

## == License Type

Perl

## == Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::File

## == License Type

Perl

## == Copyright Notices

No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 File::Temp

## == License Type

Perl

## == Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Carp::Heavy

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #26 List::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.  
Recent additions and current maintenance by Paul Evans, <leonerdd@leonerdd.org.uk>.

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 MRO::Compat

== License Type  
Perl

== Copyright Notices  
Copyright 2007-2008 Brandon L. Black <blblack@gmail.com>

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Module::Runtime

== License Type  
Perl

== Copyright Notices

Copyright (C) 2004, 2006, 2007, 2009, 2010, 2011, 2012, 2014, 2017 Andrew Main (Zefram) <zefram@fysh.org>

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 Role::Tiny

== License Type  
Perl

== Copyright Notices

Copyright (c) 2010-2012 the Role::Tiny ""AUTHOR"" and ""CONTRIBUTORS"" as listed above.

This library is free software and may be distributed under the same terms as perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Role::Tiny::With

== License Type  
Perl

== Copyright Notices

Copyright (c) 2010-2012

This library is free software and may be distributed under the same terms as perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 Sub::Quote

== License Type  
Perl

== Copyright Notices

Copyright (c) 2010-2016

This library is free software and may be distributed under the same terms as perl itself

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Try::Tiny

== License Type  
MIT

## Third-Party Notices

---

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### == Copyright Notices

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).  
This is free software, licensed under:  
The MIT (X11) License

-----separator-----

### ---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

## Third-Party Notices

---

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

## Third-Party Notices

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

## Third-Party Notices

---

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

## Third-Party Notices

---

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

## Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

## Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

## Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting

## Third-Party Notices

---

Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the

Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

"

**David B. Robins,Net::SSH2,0.73,**

"TOP-LEVEL copyright for Net::SSH2

Copyright (C) 2005 - 2010 by David B. Robins (dbrobins@cpan.org).

Copyright (C) 2010 - 2020 by Rafael Kitover (rkitover@cpan.org).

Copyright (C) 2011 - 2020 by Salvador Fandiño (salva@cpan.org).

All rights reserved.

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.0 or, at your option, any later version of Perl 5 you may have available.

TOP-LEVEL license for Net::SSH2

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always

permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy,

distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions

## Third-Party Notices

---

of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey

the exclusion of warranty; and each file should have at least the  
"copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it  
does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 1, or (at your option)  
any later version.

This program is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.

You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-  
1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the  
appropriate parts of the General Public License. Of course, the  
commands you use may be called something other than `show w' and `show  
c'; they could even be mouse-clicks or menu items--whatever suits your  
program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

**David M. Town,Net::SNMP,6.0.1,"**

TOP-LEVEL copyright for Net::SNMP

Copyright (c) 1998-2010 David M. Town. All rights reserved.  
This program is free software; you may redistribute it and/or modify it  
under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Net::SNMP

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

## The ""Artistic License""

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive

## Third-Party Notices

---

site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do

not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the

## Third-Party Notices

---

source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a

warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these

## Third-Party Notices

---

terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these

terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

## Third-Party Notices

---

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp  
== License Type  
Perl  
== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Exporter  
== License Type  
Perl  
== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker  
== License Type  
Perl  
== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 Encode  
== License Type  
Perl  
== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable  
== License Type  
Perl  
== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader  
== License Type  
Perl  
== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent  
== License Type  
Perl

---

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.  
This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.  
This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.  
Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.  
Currently (October 2001), that's these three:  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type

Perl (Part of perl distribution itself. Covered by Perl license)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #17 File::Temp

== License Type
Perl

== Copyright Notice
This software is copyright (c) 2020 by Tim Jenness and the UK Particle
Physics and Astronomy Research Council.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #18 Carp-1.50-Carp::Heavy

== License Type
Perl

== Copyright Notice
No copyright info.

-----separator-----
FOURTH-PARTY DEPENDENCY #19 File::Path

== License Type
Perl

== Copyright Notice
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,
James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----
FOURTH-PARTY DEPENDENCY #20 IO::Handle

== License Type
Perl

== Copyright Notice
No copyright info.

-----separator-----
FOURTH-PARTY DEPENDENCY #21 constant

== License Type
Perl

== Copyright Notices
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #22 IO::Seekable
```

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 IO::Socket

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 Math::BigInt

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2001 Mark Biggar, Ilya Zakharevich.

Copyright 2001-2008 Tels, <http://bloodgate.com>.

Copyright 2010 Florian Ragwitz, [flora@cpan.org](mailto:flora@cpan.org).

Copyright 2011- Peter John Acklam, [pjacklam@gmail.com](mailto:pjacklam@gmail.com).

This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 Math::Complex

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

## Third-Party Notices

---

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR

## Third-Party Notices

---

IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and

modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "`Program`", below, refers to any such program or work, and a "`work based on the Program`" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "`you`".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of

## Third-Party Notices

---

it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of

the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

## Third-Party Notices

---

the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

"

```
DelTel,Crypt::OpenSSL::AES,0.19,
"TOP-LEVEL copyright for Crypt::OpenSSL::AES
```

Copyright (C) 2006 - 2023 DelTel, Inc.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.5 or, at your option, any later version of Perl 5 you may have available.

TOP-LEVEL license for Crypt::OpenSSL::AES

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a

## Third-Party Notices

---

Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict

---

with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible

## Third-Party Notices

---

to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED ""AS IS"" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in

## Third-Party Notices

---

exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to

address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

## Third-Party Notices

---

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---"
DevelopMentor, SOAP, 0.28,
"TOP-LEVEL copyright for SOAP
```

---

Copyright 1999-2000, DevelopMentor. All rights reserved.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license for SOAP

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive

---

site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do

## Third-Party Notices

---

not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether

---

gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an

announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the

Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

## Third-Party Notices

---

possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

Docker,Docker,20.10.24,"Copyright 2013-2018 Docker, Inc.

License Name: Apache 2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an ""AS IS"" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a

## Third-Party Notices

---

fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS.

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2013-2018 Docker, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License."

Docker Inc., Docker Registry, 2.8.3, "Docker Registry is licensed under the Apache License 2.0.

(full terms of license included below)

-----  
// Dependencies:

(full terms of each license included below)

github.com/Azure/azure-sdk-for-go  
Azure SDK for Go - Apache 2.0

github.com/Azure/go-autorest  
go-autorest - Apache 2.0

github.com/sirupsen/logrus  
Logrus - MIT License  
Copyright (c) 2014 Simon Eskildsen

github.com/aws/aws-sdk-go  
AWS SDK for Go - Apache 2.0

github.com/bshuster-repo/logrus-logstash-hook  
Logstash hook for logrus - MIT License  
Copyright (c) 2016 Boaz Shuster

github.com/beorn7/perks  
Perks for Go (golang.org) - MIT License  
Copyright (C) 2013 Blake Mizerany

github.com/bugsnag/bugsnag-go  
Bugsnag error reporter for Go - MIT License  
Copyright (c) 2014 Bugsnag

github.com/bugsnag/osex  
bugsnag/osex - MIT License  
Copyright (c) 2012 Daniel Theophanes

github.com/bugsnag/panicwrap  
panicwrap - MIT License  
Copyright (c) 2013 Mitchell Hashimoto

github.com/denverdino/aliyungo  
AliyunGo: Go SDK for Aliyun Services - Apache 2.0

github.com/dgrijalva/jwt-go  
jwt-go - MIT License  
Copyright (c) 2012 Dave Grijalva

github.com/docker/go-metrics  
go-metrics - Apache 2.0

github.com/docker/libtrust  
libtrust - Apache 2.0

github.com/garyburd/redigo  
Redigo - Apache 2.0

github.com/go-ini/ini  
INI - Apache 2.0

github.com/golang/protobuf  
Go support for Protocol Buffers - BSD 3-clause  
Copyright 2010 The Go Authors. All rights reserved.

github.com/gorilla/context  
context - BSD 3-clause  
Copyright (c) 2012 Rodrigo Moraes. All rights reserved.

github.com/gorilla/handlers  
gorilla/handlers - BSD 2-clause  
Copyright (c) 2013 The Gorilla Handlers Authors. All rights reserved.

github.com/gorilla/mux  
gorilla/mux - BSD 3-clause  
Copyright (c) 2012 Rodrigo Moraes. All rights reserved.

github.com/inconshreveable/mousetrap  
mousetrap - Apache 2.0  
Copyright 2014 Alan Shreve

## Third-Party Notices

---

github.com/jmespath/go-jmespath

go-jmespath - A JMESPath implementation in Go - Apache 2.0

Copyright 2015 James Saryerwinnie

github.com/matttpproud/golang\_protobuf\_extensions

Protocol Buffer extensions for the Go language (golang) - Apache 2.0

github.com/miekg/dns

Alternative (more granular) approach to a DNS library - BSD 3-clause

Copyright (c) 2009 The Go Authors. All rights reserved.

Extensions of the original work are copyright (c) 2011 Miek Gieben

github.com/mitchellh/mapstructure

mapstructure - MIT License

Copyright (c) 2013 Mitchell Hashimoto

github.com/ncw/swift

Swift - MIT License

Copyright (C) 2012 by Nick Craig-Wood <http://www.craig-wood.com/nick/>

github.com/prometheus/client\_golang

Prometheus Go client library - Apache 2.0

github.com/prometheus/client\_model

Prometheus Go client model - Apache 2.0

github.com/prometheus/common

Prometheus Go Common - Apache 2.0

github.com/prometheus/procfs

procfs - Apache 2.0

github.com/spf13/cobra

Cobra - Apache 2.0

github.com/spf13/pflag

pflag - BSD 3-clause

Copyright (c) 2012 Alex Ogier. All rights reserved.

Copyright (c) 2012 The Go Authors. All rights reserved.

github.com/stevvooe/resumable

go-crypto - BSD 3-clause

Copyright (c) 2012 The Go Authors. All rights reserved.

github.com/xenolf/lego

lego - MIT License

Copyright (c) 2015-2017 Sebastian Erhart

github.com/yvasiyarov/go-metrics

go-metrics BSD 2-clause

Copyright 2012 Richard Crowley. All rights reserved.

github.com/yvasiyarov/gorelic

GoRelic - BSD 2-clause

Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

---

github.com/yvasiyarov/newrelic\_platform\_go  
New Relic Platform Agent SDK for Go(golang) - BSD 2-clause  
Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

golang.org/x/crypto  
Go Cryptography - BSD 3-clause  
Copyright (c) 2009 The Go Authors. All rights reserved.

golang.org/x/net  
Go Networking - BSD 3-clause  
Copyright (c) 2009 The Go Authors. All rights reserved.

golang.org/x/oauth2  
OAuth2 for Go - BSD 3-clause  
Copyright (c) 2009 The Go Authors. All rights reserved.

golang.org/x/time  
Go Time - BSD 3-clause  
Copyright (c) 2009 The Go Authors. All rights reserved.

google.golang.org/api  
Google APIs Client Library for Go - BSD 3-clause  
Copyright (c) 2011 Google Inc. All rights reserved.

google.golang.org/appengine  
Go App Engine packages - Apache 2.0

google.golang.org/cloud  
Google Cloud Client Libraries for Go - Apache 2.0

google.golang.org/grpc  
gRPC-Go - Apache 2.0

gopkg.in/check.v1  
Gocheck - BSD 2-clause  
Copyright (c) 2010-2013 Gustavo Niemeyer <gustavo@niemeyer.net>. All rights reserved.

gopkg.in/square/go-jose.v1  
Go JOSE - Apache 2.0

gopkg.in/yaml.v2  
YAML support for the Go language - Apache 2.0

rsc.io/letsencrypt <https://github.com/dmccgowan/letsencrypt.git>  
letsencrypt - BSD 3-clause  
Copyright (c) 2009 The Go Authors. All rights reserved.

github.com/opencontainers/go-digest  
go-digest - Apache 2.0

github.com/docker/goamz  
GoAMZ is licensed under the LGPLv3, included below.

As a special exception to the GNU Lesser General Public License version 3 ("LGPL3"), the copyright holders of this Library give you permission to

convey to a third party a Combined Work that links statically or dynamically to this Library without providing any Minimal Corresponding Source or Minimal Application Code as set out in 4d or providing the installation information set out in section 4e, provided that you comply with the other provisions of LGPL3 and provided that you meet, for the Application the terms and conditions of the license(s) which apply to the Application.

Except as stated in this special exception, the provisions of LGPL3 will continue to comply in full to this Library. If you modify this Library, you may apply this exception to your version of this Library, but you are not obliged to do so. If you do not wish to do so, delete this exception statement from your version. This exception does not (and cannot) modify any license terms which apply to the Application, with which you must still comply.

GNU LESSER GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, the term "this License" refers to version 3 of the GNU Lesser General Public License, and the term "GNU GPL" refers to version 3 of the GNU General Public License.

The term "Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The term "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The term "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

## 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

## 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

## 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

## Third-Party Notices

---

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

### 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License (or any later version) applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

-----  
Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems

that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- You must give any other recipients of the Work or Derivative Works a copy of this License; and

- You must cause any modified files to carry prominent notices stating that You changed the files; and

- You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

- If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

## Third-Party Notices

---

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
The MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `""AS IS""`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
The 2-Clause BSD License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
The 3-Clause BSD License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."

**Drew Phillips, dapphp@radius, 3.0.0,**

"----- Top-level license -----  
-----

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

## Third-Party Notices

---

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

### 0. Additional Definitions.

As used herein, `"this License"` refers to version 3 of the GNU Lesser General Public License, and the `"GNU GPL"` refers to version 3 of the GNU General Public License.

`"The Library"` refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An `"Application"` is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A `"Combined Work"` is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the `"Linked Version"`.

The `"Minimal Corresponding Source"` for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The `"Corresponding Application Code"` for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

### 3. Object Code Incorporating Material from Library Header Files.

---

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

#### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is

necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

----- Copyright notices -----

--

Copyright (c) 2008, SysCo systemes de communication sa  
SysCo (tm) is a trademark of SysCo systemes de communication sa  
(<http://www.sysco.ch/>)  
All rights reserved.

Copyright (c) 2018, Drew Phillips  
(<https://drew-phillips.com>)

Pure PHP radius class is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation, either version 3 of the License,  
or (at your option) any later version.

Pure PHP radius class is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with Pure PHP radius class.

If not, see <<http://www.gnu.org/licenses/>>

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

Crypt\_CHAP

== License Type

BSD 3-clause

== Copyright Notices

Copyright (c) 2002-2010, Michael Bretterklieber

<[michael@bretterklieber.com](mailto:michael@bretterklieber.com)>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,

INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,

BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY

OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE,

EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

This code cannot simply be copied and put under the GNU Public License or any other GPL-like (LGPL, GPL2) License..

----- (separator) -----  
--"

Earl Hood, Proc::Daemon, 0.23, "TOP-LEVEL copyright for Proc::Daemon

This module is Copyright (C) 1997-2015 by Earl Hood, Detlef Pilzecker and Pavel Denisov.

All Rights Reserved.

This module is free software. It may be used, redistributed and/or modified under the same terms as Perl itself.

TOP-LEVEL license for Proc::Daemon

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course,

---

the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you

## Third-Party Notices

---

duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall

under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it.

You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING

WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the

## Third-Party Notices

---

appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Eclipse Foundation, Jakarta XML Binding RI (JAXB), 2.3.8,
```

```
" ----- Top-level license -----
```

```
-----
```

```
BSD-3-Clause license
```

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
====Fourth Party Dependencies=====
```

```

----- (separator) -----
--
== NAME OF DEPENDENCY 1
com.sun.activation:jakarta.activation

== License Type
BSD-3-Clause license

Same as Top-level License
== Copyright Notices
Copyright (c) 1997, 2023 Oracle and/or its affiliates. All rights
reserved.

----- (separator) -----
--
== NAME OF DEPENDENCY 2
com.sun.istack:istack-commons-runtime

== License Type
BSD-3-Clause license

Same as Top-level License
== Copyright Notices
Copyright (c) 1997, 2021 Oracle and/or its affiliates. All rights
reserved.

----- (separator) -----
--
== NAME OF DEPENDENCY 3
jakarta.xml.bind:jakarta.xml.bind-api

== License Type
BSD-3-Clause license

Same as Top-level License
== Copyright Notices
Copyright (c) 2003, 2022 Oracle and/or its affiliates. All rights
reserved.

----- (separator) -----
--
== NAME OF DEPENDENCY 4
org.glassfish.jaxb:txw2

== License Type
BSD-3-Clause licensenon-standard

Same as Top-level License
== Copyright Notices
Copyright (c) 2005, 2021 Oracle and/or its affiliates. All rights
reserved.
"
Edwin Geng, deque, 2.1.1,
" ----- Top-Level Copyright -----
-----
Copyright (c) 2019-2022, Edwin Geng

```

## Third-Party Notices

---

----- Top-Level License -----  
-----  
SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.  
"

**Eric Young,Crypt::DES,2.07,"**

TOP-LEVEL copyright for Crypt::DES

This perl extension includes software developed by Eric Young (eay@mincom.oz.au)

Modifications, including cross-platform fixups, and single-algorithm distribution packaging are Copyright (C) 2000 W3Works, LLC. All Rights Reserved. Mail questions and comments to Dave Paris <amused@pobox.com>. Original distribution license (below) applies.

Other parts of the library are covered by the following licence:

Copyright (C) 1995, 1996 Systemics Ltd (<http://www.systemics.com/>)  
All rights reserved.

This library and applications are FREE FOR COMMERCIAL AND NON-COMMERCIAL  
USE  
as long as the following conditions are adhered to.

Copyright remains with Systemics Ltd, and as such any Copyright notices  
in the code are not to be removed. If this code is used in a product,  
Systemics should be given attribution as the author of the parts used.  
This can be in the form of a textual message at program startup or  
in documentation (online or textual) provided with the package.

TOP-LEVEL license for Crypt::DES

This perl extension includes software developed by Eric Young  
([eay@mincom.oz.au](mailto:eay@mincom.oz.au))

Modifications, including cross-platform fixups, and single-algorithm  
distribution  
packaging are Copyright (C) 2000 W3Works, LLC. All Rights Reserved. Mail  
questions and comments to Dave Paris <[amused@pobox.com](mailto:amused@pobox.com)>. Original  
distribution  
license (below) applies.

Other parts of the library are covered by the following licence:

Copyright (C) 1995, 1996 Systemics Ltd (<http://www.systemics.com/>)  
All rights reserved.

This library and applications are FREE FOR COMMERCIAL AND NON-COMMERCIAL  
USE  
as long as the following conditions are adhered to.

Copyright remains with Systemics Ltd, and as such any Copyright notices  
in the code are not to be removed. If this code is used in a product,  
Systemics should be given attribution as the author of the parts used.  
This can be in the form of a textual message at program startup or  
in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

1. Redistributions of source code must retain the copyright  
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software  
must display the following acknowledgement:

This product includes software developed by Systemics Ltd  
(<http://www.systemics.com/>)

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY SYSTEMICS LTD ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]

"  
**Ericsson AB,Erlang&#x2F;OTP,25.3,**  
" ----- Top-level license -----  
-----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,

any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

----- Copyright notices -----  
--

Copyright Ericsson AB 2010-2021. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

## Third-Party Notices

---

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License."

**Eryq,MIME::Tools,5.510,**

"TOP-LEVEL copyright for MIME::Tools

Copyright (c) 1998, 1999 by ZeeGee Software Inc (www.zeegee.com).

Copyright (c) 2004 by Roaring Penguin Software Inc Copyright (c) 2022 by Dianne Skoll

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for MIME::Tools

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course,

---

the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you

## Third-Party Notices

---

duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall

under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it.

## Third-Party Notices

---

You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING

WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the

## Third-Party Notices

---

appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 Exporter

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #4 Data::Dumper

```
== License Type
Perl
```

```
== Copyright Notices
```

---

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `"Text::Wrap"` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----  
FOURTH-PARTY DEPENDENCY #16 if

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 File::Temp

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Carp::Heavy

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #19 File::Path

== License Type  
Perl

== Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::Handle

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #21 IO::Seekable

== License Type  
Perl

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #22 Net::Domain

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 Socket

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #26 constant

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 IO::File

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)

-----separator-----  
FOURTH-PARTY DEPENDENCY #29 Mail::Field

== License Type  
Perl

== Copyright Notices  
Copyrights 1995-2000 Graham Barr <gbarr@pobox.com> and 2001-2017 Mark  
Overmeer <perl@overmeer.net>.

This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself. See  
<http://www.perl.com/perl/misc/Artistic.html>

-----separator-----  
FOURTH-PARTY DEPENDENCY #30 Date::Format

== License Type  
Perl

---

== Copyright Notices

Copyright (c) 1995-2009 Graham Barr. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 Date::Parse

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2009 Graham Barr. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Time::Local

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 Net::SMTP

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 Mail::Header

== License Type

Perl

== Copyright Notices

Copyrights 1995-2000 Graham Barr <gbarr@pobox.com> and 2001-2017 Mark Overmeer <perl@overmeer.net>.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. See <http://www.perl.com/perl/misc/Artistic.html>

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Mail::Internet

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices

Copyrights 1995-2000 Graham Barr <gbarr@pobox.com> and 2001-2017 Mark Overmeer <perl@overmeer.net>.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. See <http://www.perl.com/perl/misc/Artistic.html>

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided

## Third-Party Notices

---

that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this

Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all

third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties

## Third-Party Notices

---

remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE

POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

## Third-Party Notices

---

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Eryq,MIME::Lite,3.033,**  
"TOP-LEVEL copyright MIME::Lite

Copyright (c) 1997 by Eryq.  
Copyright (c) 1998 by ZeeGee Software Inc.  
Copyright (c) 2003,2005 Yves Orton. (demerphq)  
All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This software comes with NO WARRANTY of any kind. See the COPYING file in the distribution for details.

TOP-LEVEL license MIME::Lite

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the

program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

## Third-Party Notices

---

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a

product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any

---

other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

## Third-Party Notices

---

Gnomovision version 69, Copyright (C) 19xx name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show  
w'.

This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the  
appropriate parts of the General Public License. Of course, the  
commands you use may be called something other than `show w' and `show  
c'; they could even be mouse-clicks or menu items--whatever suits your  
program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

---

FOURTH-PARTY DEPENDENCY #4 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 parent

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type

Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 Text::Wrap

## Third-Party Notices

---

== License Type

Perl (Part of base Perl distribution. License type is Perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `"Text::Wrap"` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Email::Date::Format

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2004 by Casey West.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Time::Local

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 constant

== License Type

Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

---

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #21 MIME::QuotedPrint

== License Type

Perl

== Copyright Notices

Copyright 1995-1997, 2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 MIME::Types

== License Type

Perl

== Copyright Notices

Copyrights 1999-2022 by [Mark Overmeer <markov@cpan.org>]. For other contributors see ChangeLog.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. See <http://dev.perl.org/licenses/>

-----separator-----

FOURTH-PARTY DEPENDENCY #23 List::Util

== License Type

Perl

== Copyright Notices

## Third-Party Notices

---

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Recent additions and current maintenance by Paul Evans, <leonerdd@leonerdd.org.uk>.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Mail::Address

== License Type  
Perl

== Copyright Notices

Copyrights 1995-2000 Graham Barr <gbarr@pobox.com> and 2001-2017 Mark Overmeer <perl@overmeer.net>.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. See <http://www.perl.com/perl/misc/Artistic.html>

-----separator-----

FOURTH-PARTY DEPENDENCY #25 Date::Format

== License Type  
Perl

== Copyright Notices

Copyright (c) 1995-2009 Graham Barr. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 Date::Parse

== License Type  
Perl

== Copyright Notices

Copyright (c) 1995-2009 Graham Barr. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 IO::Handle

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #28 File::Temp

== License Type  
Perl

## == Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 Carp::Heavy

## == License Type

Perl

## == Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #30 File::Path

## == License Type

Perl

## == Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 IO::Seekable

## == License Type

Perl

## == Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Net::Domain

## == License Type

Perl

## == Copyright Notices

Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 IO::Select

## == License Type

Perl

## == Copyright Notices

## Third-Party Notices

---

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 IO::Socket

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Socket

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #36 Net::SMTP

== License Type  
Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.

-----separator-----

"

**"FasterXML, LLC", jackson-annotations, 2.15.3,"**

=====  
Top level component : jackson-annotations 2.15.3  
=====

Copyright

-----

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Notices

-----

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing  
library.

---

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## ## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## ## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

## ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

=====  
=====

## Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of,

---

publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

## Third-Party Notices

---

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
"FasterXML, LLC.",jackson-dataformat-properties,2.16.0,"
```

```
-----
Top Level Component:
```

```
-----
    com.fasterxml.jackson.dataformat a jackson-dataformat-properties
```

```
-----
Top Level Component Copyright Notices:
```

```
-----
    # Jackson JSON processor
```

```
    Jackson is a high-performance, Free/Open Source JSON processing library.
```

```
    It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
```

```
    been in development since 2007.
```

```
    It is currently developed by a community of developers.
```

```
    ## Copyright
```

```
    Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)
```

```
    ## Licensing
```

```
    Jackson components are licensed under Apache (Software) License, version 2.0, as per accompanying LICENSE file.
```

```
    ## Credits
```

## Third-Party Notices

---

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

-----  
Top Level Component License:  
-----

This copy of Jackson JSON processor Java Properties module is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivative works.

You may obtain a copy of the License at:

<http://www.apache.org/licenses/LICENSE-2.0>

-----Separator-----  
-----  
===== Third-party  
=====

1# com.fasterxml.jackson.core <sup>a</sup> jackson-databind  
1# Copyright Notices:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers.

## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

```
1# License : Apache License Version 2.0
```

```
-----Separator-----  
-----  
===== Fourth-party  
=====
```

```
2# com.fasterxml.jackson.core a jackson-annotations
```

```
2# Copyright Notices:  
# Jackson JSON processor
```

```
Jackson is a high-performance, Free/Open Source JSON processing  
library.
```

```
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi),  
and has
```

```
been in development since 2007.
```

```
It is currently developed by a community of developers.
```

```
## Copyright
```

```
Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)
```

```
## Licensing
```

```
Jackson 2.x core and extension components are licensed under Apache  
License 2.0
```

```
To find the details that apply to this artifact see the accompanying  
LICENSE file.
```

```
## Credits
```

```
A list of contributors may be found from CREDITS(-2.x) file, which  
is included
```

```
in some artifacts (usually source distributions); but is always  
available
```

```
from the source code management (SCM) system project uses.
```

```
2# License: Apache License Version 2.0
```

```
-----Separator-----  
-----
```

```
3# com.fasterxml.jackson.core a jackson-core
```

```
3# Copyright Notices:  
  
# Jackson JSON processor
```

```
Jackson is a high-performance, Free/Open Source JSON processing  
library.
```

```
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi),  
and has
```

```
been in development since 2007.
```

```
It is currently developed by a community of developers.
```

## Third-Party Notices

---

```
## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

Jackson 2.x core and extension components are licensed under Apache
License 2.0
To find the details that apply to this artifact see the accompanying
LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which
is included
in some artifacts (usually source distributions); but is always
available
from the source code management (SCM) system project uses.

## FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser
<https://github.com/wrandelshofer/FastDoubleParser>.
That code is available under an MIT license
<https://github.com/wrandelshofer/FastDoubleParser/blob/main/LICENSE>
under the following copyright.

Copyright © 2023 Werner Randelshofer, Switzerland. MIT License.

See FastDoubleParser-NOTICE for details of other source code
included in FastDoubleParser
and the licenses and copyrights that apply to that code.

3# License : Apache License Version 2.0

-----Separator-----
-----
4# ch.randelshofer ^ fastdoubleparser
4# Copyright Notices:

    # FastDoubleParser

    This is a Java port of Daniel Lemire's fast_float project.
    This project provides parsers for double, float, BigDecimal
and BigInteger values.

    ## Copyright

    Copyright © 2023 Werner Randelshofer, Switzerland.

    ## Licensing

    This code is licensed under MIT License.

    https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f4
3308c43b23094e31d5efcaa580e/LICENSE
```

(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

Some portions of the code have been derived from other projects.

All these projects require that we include a copyright notice, and some require that we also include some text of their license file.

fast\_double\_parser, Copyright (c) 2022 Daniel Lemire. Apache 2.0 License.

[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)

[https://github.com/fastfloat/fast\\_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE](https://github.com/fastfloat/fast_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE)

fast\_float, Copyright (c) 2021 The fast\_float authors. Apache 2.0 License.

[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)

[https://github.com/lemire/fast\\_double\\_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE](https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE)

bigint, Copyright 2020 Tim Bukt. 2-clause BSD License.

<https://github.com/tbukt/bigint/tree/floatfft>

<https://github.com/tbukt/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE>

<https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE>

(We only use those portions of the bigint project that can be licensed under 2-clause BSD License.)

(The file 'bigint-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

4# License:

MIT License

Copyright (c) 2021 Werner Randelshofer, Switzerland.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is

furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----Separator-----  
-----

```
5# com.fasterxml.jackson:jackson-bom
5#   Copyright Notices:
   # com.fasterxml.jackson:jackson-bom
```

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

```
5#   License: Apache License Version 2.0
```

-----Separator-----  
-----

```
===== Licenses
=====
```

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including

## Third-Party Notices

---

the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition,

""submitted""

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this

License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----Separator-----  
-----

''

**"Feross Aboukhadijeh, and other contributors",buffer,6.0.3,**

" ----- Top-level license -----

-----

The MIT License (MIT)

Copyright (c) Feross Aboukhadijeh, and other contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--

Copyright (c) Feross Aboukhadijeh, and other contributors.

----- Fourth-party information -----

-----

== NAME OF DEPENDENCY 1

base64-js

== License Type

MIT

== Copyright Notices

(The MIT License)

Copyright (c) 2014 Jameson Little

== NAME OF DEPENDENCY 2

ieee754

== License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

## Third-Party Notices

---

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright Notices

Copyright 2008 Fair Oaks Labs, Inc."

**Florian Ragwitz,B::Hooks::EndOfScope,0.26,"**

TOP-LEVEL copyright for B::Hooks::EndOfScope

This software is copyright (c) 2008 by Florian Ragwitz.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for B::Hooks::EndOfScope

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or

b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may

---

sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item.

## Third-Party Notices

---

It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere

form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free

## Third-Party Notices

---

software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard

## Third-Party Notices

---

libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING,

REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it
```

## Third-Party Notices

---

under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

---

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type

---

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not

## Third-Party Notices

---

publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Module::Implementation

== License Type

artistic\_2

== Copyright Notices

This software is Copyright (c) 2014 by Dave Rolsky.

This is free software, licensed under:

The Artistic License 2.0 (GPL Compatible)

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Module::Runtime

== License Type

Perl

== Copyright Notices

Copyright (C) 2004, 2006, 2007, 2009, 2010, 2011, 2012, 2014, 2017 Andrew  
Main (Zefram) <zefram@fysh.org>

This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished

to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

This software is Copyright (c) 2009 by 0000 000'00 (Yuval Kogman).  
This is free software, licensed under:  
The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #20 constant

== License Type

Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Sub::Exporter::Progressive

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2016 by Arthur Axel "fREW" Schmidt.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or

b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes

of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of

the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which

## Third-Party Notices

---

contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free

## Third-Party Notices

---

Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the

## Third-Party Notices

---

terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

#### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

#### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

## Third-Party Notices

---

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

"

**"Free Software Foundation, Inc.", Unison, 2.53.2,**

" ----- Top-level license -----

-----

GNU GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

## Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of

software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS

#### 0. Definitions.

""This License"" refers to version 3 of the GNU General Public License.

""Copyright"" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

""The Program"" refers to any copyrightable work licensed under this License. Each licensee is addressed as ""you"". ""Licensees"" and ""recipients"" may be individuals or organizations.

To ""modify"" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ""modified version"" of the earlier work or a work ""based on"" the earlier work.

A ""covered work"" means either the unmodified Program or a work based on the Program.

To ""propagate"" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To ""convey"" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays ""Appropriate Legal Notices"" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

#### 1. Source Code.

The ""source code"" for a work means the preferred form of the work for making modifications to it. ""Object code"" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

## 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

### 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

### 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ""keep intact all notices"".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is

available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

## 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

### 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an

organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work

in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

### 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

### 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

#### 15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

#### 16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a

copy of the Program in return for a fee.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the `"copyright"` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) <year> <name of author>
```

```
This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.
```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an `"about box"`.

You should also get your employer (if you work as a programmer) or school, if any, to sign a `"copyright disclaimer"` for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see [<http://www.gnu.org/licenses/>](http://www.gnu.org/licenses/).

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

----- Copyright notices -----  
--

Copyright (C) 2006-2008 Vincent Hanquez <vincent@snarc.org>  
 Copyright (C) Microsoft Corp 1981-1997. All rights reserved.  
 Copyright (c) 2001-2002, Apple. All rights reserved.  
 Copyright (c) 2001-2004, Apple Computer, Inc., all rights reserved.  
 Copyright (c) 2003, 2014, see file COPYING for details.  
 Copyright (c) 2003, 2016, licensed under GNU GPL.  
 Copyright (c) 2003, 2016. See file COPYING for details.  
 Copyright (c) 2003, see file COPYING for details.  
 Copyright (c) 2003, see file COPYING for details. \*/  
 Copyright (c) 2006, licensed under GNU GPL.  
 Copyright (c) 2011 Steve Streeting  
 Copyright 1996 Institut National de Recherche en Informatique et  
 Copyright 1998-2020, Benjamin C. Pierce  
 Copyright 1999-2002 (see COPYING for details)  
 Copyright 1999-2008 (see COPYING for details)  
 Copyright 1999-2009, Benjamin C. Pierce  
 Copyright 1999-2012, Benjamin C. Pierce  
 Copyright 1999-2020 (see COPYING for details)  
 Copyright 1999-2020, Benjamin C. Pierce  
 Copyright 1999-2020, Benjamin C. Pierce (see COPYING for details)  
 Copyright 1999-2022 (see ../LICENSE for terms).  
 Copyright 1999-2022, Unison authors  
 Copyright 2006, see file COPYING for details. All rights reserved.  
 Copyright 2008, 2016 (see file COPYING for more information)  
 Copyright 2011 Torus Knot Software Ltd. All rights reserved.  
 Copyright 2012, Benjamin C. Pierce  
 Copyright 2012, Benjamin C. Pierce (see COPYING for details)  
 Copyright 2020, StÉphane Glondu  
 Copyright 2020, StÉphane Glondu (see COPYING for details)  
 Copyright 2020-2022, Tiivo Leedj%rv  
 Copyright 2021, Tiivo Leedj%rv  
 Copyright 2022, Tiivo Leedj%rv (see COPYING for details)

/\* Parts of code in the following section are originally copied from libuv.

\*  
 \* libuv  
 \* Copyright Joyent, Inc. and other Node contributors. All rights reserved.  
 \*  
 \* Permission is hereby granted, free of charge, to any person obtaining a copy  
 \* of this software and associated documentation files (the ""Software""),  
 to  
 \* deal in the Software without restriction, including without limitation the

## Third-Party Notices

---

```
* rights to use, copy, modify, merge, publish, distribute, sublicense,
and/or
* sell copies of the Software, and to permit persons to whom the Software
is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be included
in
* all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY,
* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
* FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS
* IN THE SOFTWARE.
*/
```

```
----- Fourth-party information -----
--
```

```
== NAME OF DEPENDENCY 1
```

```
ocaml
```

```
== License Type
```

```
LGPL 2.1
```

```
== Copyright Notices
```

```
In the following, "the OCaml Core System" refers to all files marked
"Copyright INRIA" in this distribution.
```

The OCaml Core System is distributed under the terms of the GNU Lesser General Public License (LGPL) version 2.1 (included below).

As a special exception to the GNU Lesser General Public License, you may link, statically or dynamically, a "work that uses the OCaml Core System" with a publicly distributed version of the OCaml Core System to produce an executable file containing portions of the OCaml Core System, and distribute that executable file under terms of your choice, without any of the additional requirements listed in clause 6 of the GNU Lesser General Public License. By "a publicly distributed version of the OCaml Core System", we mean either the unmodified OCaml Core System as distributed by INRIA, or a modified version of the OCaml Core System that is distributed under the conditions defined in clause 2 of the GNU Lesser General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Lesser General Public License.

```
----- (separator) -----
--
```

```
== NAME OF DEPENDENCY 2
```

```
ocamlfind
```

```
== License Type
```

```
MIT
```

```
== Copyright Notices
```

```
Copyright 1999 by Gerd Stolpmann
```

The package `""findlib""` is copyright by Gerd Stolpmann.

Permission is hereby granted, free of charge, to any person obtaining a copy of this document and the `""findlib""` software (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

The Software is provided ```as is''`, without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event shall Gerd Stolpmann be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the Software or the use or other dealings in the software.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

ocaml/dune

== License Type

MIT

== Copyright Notices

The MIT License

Copyright (c) 2016 Jane Street Group, LLC <opensource@janestreet.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `""AS IS""`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

## Third-Party Notices

---

SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

lablgtk3

== License Type

LGPL 2.1

== Copyright Notices

This library (files in src directory) is made available under the GNU Library General Public License (LGPL). You should have got a copy of the LGPL with the current package (see file LGPL).

As a special exception to the GNU Library General Public License, you may link, statically or dynamically, a "work that uses the Library" with a publicly distributed version of the Library to produce an executable file containing portions of the Library, and distribute that executable file under terms of your choice, without any of the additional requirements listed in clause 6 of the GNU Library General Public License. By "a publicly distributed version of the Library", we mean either the unmodified Library as distributed by the authors, or a modified version of the Library that is distributed under the conditions defined in clause 3 of the GNU Library General Public License. This exception does not however invalidate any other reasons why the executable file might be covered by the GNU Library General Public License.

For the examples subdirectory, the code is in the public domain. You may freely copy parts of it in your application.

For the applications subdirectory, stricter rules apply:

- \* You are free to do anything you want with this code as long as it is for personal use.
- \* Redistribution can only be "as is". Binary distribution and bug fixes are allowed, but you cannot extensively modify the code without asking the authors.

The authors may choose to remove any of the above restrictions on a per request basis.

Authors:

Jacques Garrigue <garrigue@math.nagoya-u.ac.jp>

Benjamin Monate <Benjamin.Monate@free.fr>

Olivier Andrieu <oandrieu@nerim.net>

Jun Furuse <Jun.Furuse@inria.fr>

Hubert Fauque <hubert.fauque@wanadoo.fr>

Koji Kagawa <kagawa@eng.kagawa-u.ac.jp>

\$(Id\$

----- (separator) -----

--

== LICENSES

.

== Text of license (LGPL 2.1)

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ""this License""). Each licensee is addressed as ""you"".

A ""library"" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ""Library"", below, refers to any such software library or work which has been distributed under these terms. A ""work based on the Library"" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ""modification"".)

""Source code"" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an

application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your

---

acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions

## Third-Party Notices

---

either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.  
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!"  
**Gisle Aas, HTTP::Cookies, 6.10,**  
"TOP-LEVEL copyright for HTTP::Cookies

This software is copyright (c) 2002 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for HTTP::Cookies

---Perl Licensing----

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds

## Third-Party Notices

---

definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large

as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly

## Third-Party Notices

---

commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any

## Third-Party Notices

---

other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

## Third-Party Notices

---

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

---

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #1 Carp
```

```
== License Type
```

```
Perl
```

```
== Copyright Notices
```

```
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #2 Exporter
```

```
== License Type
```

```
Perl
```

```
== Copyright Notices
```

```
No copyright info from source
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
```

```
== License Type
```

```
Perl
```

```
== Copyright Notices
```

## Third-Party Notices

---

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

## == Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 HTTP::Date

## == License Type

Perl

## == Copyright Notices

This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Time::Local

## == License Type

Perl

## == Copyright Notices

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

The full text of the license can be found in the LICENSE file included with this distribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Time::Zone

## == License Type

Perl

## == Copyright Notices

Graham Barr <gbarr@pobox.com> David Muir Sharnoff <muir@idiom.com> Paul Foley <paul@ascent.com>

-----separator-----

FOURTH-PARTY DEPENDENCY #19 constant

## == License Type

Perl

## == Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 HTTP::Headers::Util

## == License Type

## Third-Party Notices

---

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Clone

== License Type

Perl

== Copyright Notices

Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Encode::Locale

== License Type

Perl

== Copyright Notices

Copyright 2010 Gisle Aas <gisle@aas.no>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Encode::Alias

== License Type

Perl

== Copyright Notices

No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Compress::Raw::Bzip2

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 Compress::Raw::Zlib

== License Type

Perl

== Copyright Notices

---

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 IO::Compress::Bzip2

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 IO::Compress::Deflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 IO::Compress::Gzip

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 IO::Uncompress::Inflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Uncompress::RawInflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 IO::HTML

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 LWP::MediaTypes

== License Type

Perl

== Copyright Notices

Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 MIME::QuotedPrint

== License Type

Perl

== Copyright Notices

Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster

<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and

code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans

Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell

Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #35 URI

---

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.  
Copyright 1995 Martijn Koster.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #36 Net::Domain

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #37 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 File::Temp

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #40 File::Path

== License Type  
Perl

== Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 IO::Handle

== License Type  
Perl

== Copyright Notices

No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 IO::Seekable

== License Type  
Perl

== Copyright Notices

No copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 IO::Select

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 Socket

== License Type  
Perl

== Copyright Notices

This module was originally maintained in Perl core by the Perl 5 Porters. It was extracted to dual-life on CPAN at version 1.95 by Paul Evans <leonerdd@leonerdd.org.uk>

-----separator-----

FOURTH-PARTY DEPENDENCY #45 HTTP::Request

== License Type  
Perl

== Copyright Notices

---

This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

### Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

### Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

## Third-Party Notices

---

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and

(2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to

## Third-Party Notices

---

attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a `""copyright disclaimer""` for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---

"

**Gisle Aas,LWP::Protocol::https,6.11**, "Oracle elects to use under the terms of the Artistic License.

TOP-LEVEL copyright for LWP::Protocol::https

Copyright (c) 1997-2011 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for LWP::Protocol::https

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do

## Third-Party Notices

---

not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED ""AS IS"" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

---

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Text::Wrap

== License Type  
Perl (Part of perl distribution)

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `"Text::Wrap"` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #16 LWP::Protocol::https

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2011 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::Socket::SSL

== License Type  
Perl

== Copyright Notices  
The original versions of this module are Copyright (C) 1999-2002 Marko Asplund.

The rewrite of this module is Copyright (C) 2002-2005 Peter Behroozi.

Versions 0.98 and newer are Copyright (C) 2006-2014 Steffen Ullrich.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Mozilla::CA

== License Type  
Mozilla Public License 2.0

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Net::SSLeay

== License Type  
artistic\_2

== Copyright Notices  
Copyright (c) 1996-2003 Sampo Kellomäki <sampo@iki.fi>  
Copyright (c) 2005-2010 Florian Ragwitz <rafl@debian.org>  
Copyright (c) 2005-2018 Mike McCauley <mikem@airspayce.com>  
Copyright (c) 2018- Chris Novakovic <chris@chrisn.me.uk>  
Copyright (c) 2018- Tuure Vartiainen <vartiait@radiatorsoftware.com>

---

Copyright (c) 2018- Heikki Vatiainen <hvn@radiatorsoftware.com>

-----separator-----

FOURTH-PARTY DEPENDENCY #20 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #21 LWP::Protocol::http

== License Type  
perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Digest::MD5

== License Type  
Perl

== Copyright Notices  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.  
Copyright 1995-1996 Neil Winton.  
Copyright 1991-1992 RSA Data Security, Inc.  
The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

## Third-Party Notices

---

License is also granted to make and use derivative works provided that such works are identified as ""derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm"" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided ""as is"" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Digest::base

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Encode::Locale

== License Type  
Perl

== Copyright Notices  
Copyright 2010 Gisle Aas <gisle@aa.no>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 Encode::Alias

== License Type  
Perl

== Copyright Notices  
Copyright 2010 Gisle Aas <gisle@aa.no>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 File::Listing

== License Type  
Perl

== Copyright Notices

---

This software is copyright (c) 1996-2022 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 HTTP::Date

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1995 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Time::Local

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1997 - 2023 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

The full text of the license can be found in the LICENSE file included with this distribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 constant

== License Type

Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Time::Zone

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #31 File::Temp

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #32 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #33 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #34 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #35 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #36 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #37 Getopt::Long

== License Type  
Perl

== Copyright Notices  
This program is Copyright 1990,2015,2023 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

If you do not have a copy of the GNU General Public License write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 Pod::Perldoc

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 File::Spec::Functions

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 IO::Select

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 Pod::Simple::RTF

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Pod::Simple::XMLOutputStream

== License Type

Perl

== Copyright Notices

Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 Pod::Text

== License Type

Perl

== Copyright Notices

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022 Russ Allbery <rra@cpan.org>

---

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 Text::ParseWords

== License Type

Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 HTML::Entities

== License Type

Perl

== Copyright Notices

Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 HTML::Tagset

== License Type

Perl

== Copyright Notices

Copyright 1995-2000 Gisle Aas.

Copyright 2000-2005 Sean M. Burke.

Copyright 2005-2008 Andy Lester.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 HTTP::Headers

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 Clone

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #49 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #50 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #51 Compress::Deflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #52 Compress::Gzip

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #53 IO::HTML

== License Type
Perl

== Copyright Notices
This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #54 IO::Uncompress::Inflate

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #55 IO::Uncompress::RawInflate

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #56 LWP::MediaTypes

== License Type
Perl

== Copyright Notices
Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #57 MIME::QuotedPrint

== License Type
Perl

== Copyright Notices
```

## Third-Party Notices

---

Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #58 URI

== License Type

Perl

== Copyright Notices

Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #59 Net::Domain

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #60 IO::Socket

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #61 Socket

== License Type

Perl

== Copyright Notices

No copyright info from the source.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #62 IO::File

== License Type  
Perl

== Copyright Notices  
No copyright info from the source.

-----separator-----  
FOURTH-PARTY DEPENDENCY #63 URI::URL

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2000 Gisle Aas.

-----separator-----  
FOURTH-PARTY DEPENDENCY #64 HTML::HeadParser

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #65 HTTP::Cookies

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #66 HTTP::Headers::Util

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #67 IO::Compress::Bzip2

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #68 HTTP::Request

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #69 HTTP::Negotiate

== License Type  
Perl

== Copyright Notices  
Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #70 HTTP::Request::Common

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #71 HTTP::Response

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #72 HTTP::Status

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #73 Net::FTP

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #74 Net::HTTP

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #75 Socket::INET

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #76 IO::Uncompress::Gunzip

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #77 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #78 URI::Escape

== License Type

Perl

== Copyright Notices

Copyright 1995-2004 Gisle Aas.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

-----separator-----

FOURTH-PARTY DEPENDENCY #79 WWW::RobotRules

== License Type  
Perl

== Copyright Notices

Copyright 1995-2009, Gisle Aas

Copyright 1995, Martijn Koster

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #80 LWP::UserAgent

== License Type  
Perl

== Copyright Notices

Copyright 1995-2009 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #81 Net::HTTPS

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #82 Pod::Usage

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #83 Encode

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #84 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #85 HTTP::CookieJar::LWP

== License Type

The Apache License

== Copyright Notices

This software is Copyright (c) 2013 by David Golden.

This is free software, licensed under:

The Apache License, Version 2.0, January 2004

-----separator-----

FOURTH-PARTY DEPENDENCY #86 Module::Load

== License Type

Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the

terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

#### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

---Mozilla Public License 2.0---

#### 1. Definitions

##### 1.1. iContributorî

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

##### 1.2. iContributor Versionî

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

### 1.3. *Contribution*

means Covered Software of a particular Contributor.

### 1.4. *Covered Software*

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

### 1.5. *Incompatible With Secondary Licenses*

means

that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

### 1.6. *Executable Form*

means any form of the work other than Source Code Form.

### 1.7. *Larger Work*

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

### 1.8. *License*

means this document.

### 1.9. *Licensable*

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

### 1.10. *Modifications*

means any of the following:

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

### 1.11. *Patent Claims* of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

### 1.12. *Secondary License*

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

### 1.13. *Source Code Form*

means the form of the work preferred for making modifications.

#### 1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License

## Third-Party Notices

---

(see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-

infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any

references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

##### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <https://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

##### Exhibit B - Incompatible With Secondary Licenses Notice

This Source Code Form is Incompatible With Secondary Licenses, as defined by the Mozilla Public License, v. 2.0.

---end of Mozilla Public License 2.0---

"

**Gisle Aas,Net::HTTP,6.23,**

"TOP-LEVEL copyright for Net::HTTP

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Net::HTTP

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script

## Third-Party Notices

---

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

## Third-Party Notices

---

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

## Third-Party Notices

---

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 URI

```
== License Type
Perl
```

```
== Copyright Notices
Copyright 1995-2009 Gisle Aas.
Copyright 1995 Martijn Koster.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself."
Gisle Aas,URI,5.21,
"TOP-LEVEL copyright URI
```

Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license URI

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always

permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy,

distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions

## Third-Party Notices

---

of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey

the exclusion of warranty; and each file should have at least the  
"copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it  
does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 1, or (at your option)  
any later version.

This program is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.

You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-  
1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the  
appropriate parts of the General Public License. Of course, the  
commands you use may be called something other than `show w' and `show  
c'; they could even be mouse-clicks or menu items--whatever suits your  
program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---"  
**Gisle Aas,HTTP::Daemon,6.16,**

## Third-Party Notices

---

"TOP-LEVEL copyright for HTTP::Daemon

This software is copyright (c) 1995 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for HTTP::Daemon

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

- b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and

## Third-Party Notices

---

(2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

## Third-Party Notices

---

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to

attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notice

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 HTTP::Date

== License Type

Perl

== Copyright Notice

This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 HTTP::Request

== License Type

Perl

== Copyright Notice

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 HTTP::Response

== License Type

Perl

== Copyright Notice

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 HTTP::Status

== License Type

---

Perl

== Copyright Notice

This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 IO::Socket::IP

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2020 by Paul Evans  
<leonerdd@leonerdd.org.uk>.

This is free software; you can redistribute it and/or modify it under  
the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 LWP::MediaTypes

== License Type

Perl

== Copyright Notice

Copyright 1995-1999 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Socket

== License Type

Perl

== Copyright Notice

No copyright from source

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Exporter

== License Type

Perl

== Copyright Notice

No copyright from source  
This library is free software. You can redistribute it and/or modify it  
under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #10 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notice  
No copyright from source  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Time::Local

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Time::Zone

== License Type  
Perl

== Copyright Notice  
No copyright from source

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Clone

== License Type  
Perl

== Copyright Notice  
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notice

---

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Encode::Locale

== License Type  
Perl

== Copyright Notice  
Copyright 2010 Gisle Aas <gisle@aas.no>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::Compress::Bzip2

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 IO::Compress::Deflate

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 IO::Compress::Gzip

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::HTML

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Christopher J. Madsen.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 IO::Uncompress::Inflate

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 IO::Uncompress::RawInflate

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 LWP::MediaTypes

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 MIME::Base64

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.  
Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>  
The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1997,2002-2004 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 URI

== License Type  
Perl

== Copyright Notice  
Copyright 1995-2009 Gisle Aas.  
Copyright 1995 Martijn Koster.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 Data::Dumper

== License Type  
Perl

== Copyright Notice

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Encode

== License Type  
Perl

== Copyright Notice  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 File::Spec

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Pod::Man

== License Type  
Perl

== Copyright Notice  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 constant

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Encode::Alias

== License Type  
Perl

---

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 Cwd

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
Portions of the C code in this library are copyright (c) 1994 by the  
Regents of the University of California. All rights reserved. The license  
on this code is compatible with the licensing of the rest of the  
distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 Net::Domain

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.  
This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself, i.e. under the terms of either the  
GNU General Public License or the Artistic License, as specified in the  
LICENCE file.

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Storable

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 parent

== License Type  
Perl

## Third-Party Notices

---

### == Copyright Notice

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04. This module is released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #37 Scalar::Util

### == License Type

Perl

### == Copyright Notice

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>.

Copyright (C) 2004, 2008 Matthijs van Duin.

All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #38 IO::Select

### == License Type

Perl

### == Copyright Notice

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #39 IO::Socket

### == License Type

Perl

### == Copyright Notice

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein

<lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 XSLoader

### == License Type

Perl

### == Copyright Notice

Copyright (C) 1990-2011 by Larry Wall and others.

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 File::Temp

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Carp::Heavy

== License Type  
Perl

== Copyright Notice

No Copyright info from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 File::Path

== License Type  
Perl

== Copyright Notice

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved. This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 IO::Handle

== License Type  
Perl

== Copyright Notice

No Copyright info from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 IO::Seekable

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notice  
No Copyright info from source

-----separator-----

"

**Gisle Aas,perl-HTTP-Daemon-SSL,1.04,"**

TOP-LEVEL copyright for HTTP::Daemon::SSL

Code and documentation from HTTP::Daemon Copyright 1996-2001, Gisle Aas  
Changes Copyright 2003-2004, Peter Behroozi  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license for HTTP::Daemon::SSL

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package

modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall

neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 HTTP::Date

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1995-2019 by Gisle Aas.

## Third-Party Notices

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 HTTP::Request

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 HTTP::Response

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 HTTP::Status

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 IO::Socket::IP

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 2020 by Paul Evans  
<leonerdd@leonerdd.org.uk>.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 LWP::MediaTypes

---

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Socket

== License Type  
Perl

== Copyright Notice  
No copyright from source.  
This module was originally maintained in Perl core by the Perl 5 Porters.  
It was extracted to dual-life on CPAN at version 1.95 by Paul Evans  
<leonerd@leonerd.org.uk>

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Exporter

== License Type  
Perl

== Copyright Notice  
No copyright from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notice  
No copyright from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Time::Local

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #12 Time::Zone

== License Type  
Perl

== Copyright Notice  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Clone

== License Type  
Perl

== Copyright Notice  
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Encode::Locale

== License Type  
Perl

== Copyright Notice  
Copyright 2010 Gisle Aas <gisle@aas.no>.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::Compress::Bzip2

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 IO::Compress::Deflate

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 IO::Compress::Gzip

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::HTML

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Christopher J. Madsen.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 IO::Uncompress::Inflate

== License Type  
Perl

## Third-Party Notices

---

### == Copyright Notice

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 IO::Uncompress::RawInflate

### == License Type

Perl

### == Copyright Notice

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 LWP::MediaTypes

### == License Type

Perl

### == Copyright Notice

Copyright 1995-1999 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 MIME::Base64

### == License Type

Perl

### == Copyright Notice

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.  
Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>  
The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 MIME::QuotedPrint

### == License Type

Perl

### == Copyright Notice

Copyright 1995-1997,2002-2004 Gisle Aas.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 URI

== License Type  
Perl

== Copyright Notice  
Copyright 1995-2009 Gisle Aas.  
Copyright 1995 Martijn Koster.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 Data::Dumper

== License Type  
Perl

== Copyright Notice  
Gurusamy Sarathy gsar@activestate.com  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Encode

== License Type  
Perl

== Copyright Notice  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 File::Spec

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Pod::Man

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 constant

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Encode::Alias

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 Cwd

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
Portions of the C code in this library are copyright (c) 1994 by the  
Regents of the University of California. All rights reserved. The license  
on this code is compatible with the licensing of the rest of the  
distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 Net::Domain

== License Type  
Perl

== Copyright Notice

Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.  
This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself, i.e. under the terms of either the  
GNU General Public License or the Artistic License, as specified in the  
LICENCE file.

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Storable

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 parent

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea  
of base.pm, which was introduced with Perl 5.004\_04. This module is  
released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #37 Scalar::Util

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>.  
Copyright (C) 2004, 2008 Matthijs van Duin.  
All rights reserved. This program is free software; you can redistribute  
it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #38 IO::Select

== License Type  
Perl

== Copyright Notice

## Third-Party Notices

---

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #39 IO::Socket

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 XSLoader

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1990-2011 by Larry Wall and others.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 File::Temp

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Carp::Heavy

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #43 File::Path

== License Type  
Perl

== Copyright Notice  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved. This  
library is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 IO::Handle

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 IO::Seekable

== License Type  
Perl

== Copyright Notice  
No Copyright info from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 IO::Socket::SSL

== License Type  
Perl

== Copyright Notice  
The original versions of this module are Copyright (C) 1999-2002 Marko  
Asplund.  
The rewrite of this module is Copyright (C) 2002-2005 Peter Behroozi.  
Versions 0.98 and newer are Copyright (C) 2006-2014 Steffen Ullrich.  
This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 Mozilla::CA

== License Type  
Mozilla Public License 2.0

== Copyright Notice  
No Copyright info from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 Net::SSLeay

== License Type

Artistic License 2.0

== Copyright Notice

Copyright (c) 1996-2003 Sampo Kellomaki <sampo@iki.fi>

Copyright (c) 2005-2010 Florian Ragwitz <rafl@debian.org>

Copyright (c) 2005-2018 Mike McCauley <mikem@airspayce.com>

Copyright (c) 2018- Chris Novakovic <chris@chrisn.me.uk>

Copyright (c) 2018- Tuure Vartiainen <vartiait@radiatorsoftware.com>

Copyright (c) 2018- Heikki Vatiainen <hvn@radiatorsoftware.com>

All rights reserved. This module is released under the terms of the Artistic License 2.0. For details, see the LICENSE file distributed with Net-SSLeay's source code.

-----separator-----

---Artistic Licensing 2.0---

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified

## Third-Party Notices

---

Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

---Mozilla Public License 2.0---

## 1. Definitions

### 1.1. `Contributor`

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

### 1.2. `Contributor Version`

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

### 1.3. `Contribution`

means Covered Software of a particular Contributor.

### 1.4. `Covered Software`

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

### 1.5. `Incompatible With Secondary Licenses`

means

that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

### 1.6. *Executable Form*

means any form of the work other than Source Code Form.

### 1.7. *Larger Work*

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

### 1.8. *License*

means this document.

### 1.9. *Licensable*

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

### 1.10. *Modifications*

means any of the following:

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

### 1.11. *Patent Claims* of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

### 1.12. *Secondary License*

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

### 1.13. *Source Code Form*

means the form of the work preferred for making modifications.

### 1.14. *You* (or *Your*)

means an individual or a legal entity exercising rights under this License. For legal entities, *You* includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, *control* means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions,

either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

#### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

#### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

#### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

#### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

#### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

### 3. Responsibilities

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under

the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under

this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

## 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

## 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of

incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <https://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - `!Incompatible With Secondary Licenses!` Notice  
This Source Code Form is `!Incompatible With Secondary Licenses!`, as  
defined by the Mozilla Public License, v. 2.0.

---end of Mozilla Public License 2.0---

"

**Gisle Aas,Encode::Locale,1.05,**  
"TOP-LEVEL copyright for Encode::Locale

Copyright 2010 Gisle Aas <gisle@aas.no>.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license for Encode::Locale

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the `"Artistic License"`.

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided

---

that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this

## Third-Party Notices

---

Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid

anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all

third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## Third-Party Notices

---

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
```

---

program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org> Substantial contributions by Sean Burke <sburke@cpan.org>. This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke. This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself. This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved. This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself. This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose. Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

---

```
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
-----separator-----
FOURTH-PARTY DEPENDENCY #13 Scalar::Util
== License Type
Perl
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
Additionally ""weaken"" and ""isweak"" which are
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as perl itself.
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright
(C) 2014 cPanel Inc. All rights reserved. This program is free software;
you can redistribute it and/or modify it under the same terms as Perl
itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #14 Data::Dumper
== License Type
Perl
== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #15 Text::Wrap
== License Type
Perl (Part of base Perl distribution. License type is Perl)
== Copyright Notices
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013
Google, Inc. This module may be modified, used, copied, and redistributed
at your own risk. Although allowed by the preceding license, please do not
publicly redistribute modified versions of this code with the name
""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.
-----separator-----
FOURTH-PARTY DEPENDENCY #16 if
== License Type
Perl
== Copyright Notices
This software is copyright (c) 2002 by Ilya Zakharevich.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #17 Encode::Alias
== License Type
Perl
```

## Third-Party Notices

---

== Copyright Notices  
No copyright info from source  
-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some

semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide

## Third-Party Notices

---

a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be

construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain

## Third-Party Notices

---

that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

---

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Gisle Aas,Digest::SHA1,2.13,"
```

```
TOP-LEVEL copyright for Digest::SHA1
```

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1999-2004 Gisle Aas.  
Copyright 1997 Uwe Hollerbach.

TOP-LEVEL license for Digest::SHA1

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

## Third-Party Notices

---

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General

Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

## Third-Party Notices

---

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Digest::base

== License Type  
Perl

== Copyright Notice

Copyright 1998-2006 Gisle Aas.  
Copyright 1995,1996 Neil Winton.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 XSLoader

== License Type  
Perl

== Copyright Notice

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 MIME::Base64

== License Type  
Perl

== Copyright Notice

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Exporter

== License Type  
Perl

== Copyright Notices

No copyright info from source

---

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute

the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

## Third-Party Notices

---

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we

want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its

## Third-Party Notices

---

derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program

specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

## Third-Party Notices

---

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

"

**Google,go\_mock,1.7.0-rc.1,"**

----- Top-Level License -----

-----

SPDX:Apache-2.0

```
----- Copyright -----
-----
Copyright 2010 Google Inc.
Copyright 2011 Google Inc.
Copyright 2012 Google Inc.
Copyright 2020 Google Inc.
Copyright 2020 Google LLC
Copyright 2022 Google LLC

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- Apache-2.0
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----
-----

== Dependency
github.com/golang/mock/mockgen/internal/tests/generics

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2010 Google Inc.
Copyright 2011 Google Inc.
Copyright 2012 Google Inc.
Copyright 2020 Google Inc.
Copyright 2020 Google LLC
Copyright 2022 Google LLC

----- (separator) -----
-----

== Dependency
github.com/yuin/goldmark

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2019 Yusuke Inuzuka

----- (separator) -----
-----

== Dependency
golang.org/x/exp

== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/mod

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

---

Copyright 2020 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/sys

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/tools

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) Microsoft Corporation  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
Copyright © 1997-1999 Vita Nuova Limited  
Copyright © 2000-2007 Lucent Technologies Inc. and others  
Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com)  
Copyright © 2004,2006 Bruce Ellis  
Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)

---

Copyright © 2009 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/xerrors

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2019 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this

implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted.

## Third-Party Notices

---

If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on

## Third-Party Notices

---

the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
-----
== SPDX:MIT
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
"
Google,uuid,1.4.0,"
----- Top-Level License -----
-----
SPDX:BSD-3-Clause--modified-by-Google
```

```
----- Copyright -----
-----
Copyright (c) 2009,2014 Google Inc. All rights reserved.
Copyright 2016 Google Inc. All rights reserved.
Copyright 2017 Google Inc. All rights reserved.
Copyright 2018 Google Inc. All rights reserved.
Copyright 2021 Google Inc. All rights reserved.
Copyright 2023 Google Inc. All rights reserved.
== SPDX:BSD-3-Clause--modified-by-Google
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

## Third-Party Notices

---

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

Google Inc., puppeteer, 14.4.1, "puppeteer"  
----- Copyrights  
Copyright 2017 Google Inc. All rights reserved.

----- License  
SPDX:Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

----- Dependencies Grouped by License -----  
 ----- Dependency  
 agent-base

## Third-Party Notices

---

```
----- Copyrights
Copyright (c) 2013 Nathan Rajlich <nathan@tootallnate.net>

----- Dependency
balanced-match
----- Copyrights
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- Dependency
base64-js
----- Copyrights
Copyright (c) 2014 Jameson Little

----- Dependency
bl
----- Copyrights
# License & copyright
Copyright (c) 2013-2019 bl contributors
Copyright (c) 2013-2019 bl contributors (listed above).

----- Dependency
brace-expansion
----- Copyrights
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- Dependency
buffer
----- Copyrights
Copyright (c) Feross Aboukhadijeh, and other contributors.
MIT. Copyright (C) [Feross Aboukhadijeh] (http://feross.org), and other
contributors. Originally forked from an MIT-licensed module by Romain
Beauxis.

----- Dependency
buffer-crc32
----- Copyrights
Copyright (c) 2013 Brian J. Brennan

----- Dependency
concat-map
----- Copyrights

----- Dependency
debug
----- Copyrights
Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>
Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

----- Dependency
end-of-stream
----- Copyrights
Copyright (c) 2014 Mathias Buus

----- Dependency
```

---

```
fd-slicer
----- Copyrights
Copyright (c) 2014 Andrew Kelley

----- Dependency
find-up
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
fs-constants
----- Copyrights
Copyright (c) 2018 Mathias Buus

----- Dependency
get-stream
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com)

----- Dependency
https-proxy-agent
----- Copyrights
Copyright (c) 2013 Nathan Rajlich &lt;nathan@tootallnate.net&gt;

----- Dependency
locate-path
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
mkdirp-classic
----- Copyrights
Copyright (c) 2020 James Halliday (mail@substack.net) and Mathias Buus

----- Dependency
ms
----- Copyrights
Copyright (c) 2016 Zeit, Inc.

----- Dependency
node-fetch
----- Copyrights
Copyright (c) 2016 David Frank

----- Dependency
p-limit
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
p-locate
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
```

## Third-Party Notices

---

```
p-try
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
path-exists
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
path-is-absolute
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
pend
----- Copyrights
Copyright (c) 2014 Andrew Kelley

----- Dependency
pkg-dir
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
progress
----- Copyrights
Copyright (c) 2017 TJ Holowaychuk <tj@vision-media.ca>
Copyright(c) 2011 TJ Holowaychuk <tj@vision-media.ca>

----- Dependency
proxy-from-env
----- Copyrights
Copyright (C) 2016-2018 Rob Wu <rob@robwu.nl>

----- Dependency
pump
----- Copyrights
Copyright (c) 2014 Mathias Buus

----- Dependency
readable-stream
----- Copyrights
Copyright Joyent, Inc. and other Node contributors.
Copyright Joyent, Inc. and other Node contributors. All rights reserved.
Copyright Node.js contributors. All rights reserved.

----- Dependency
safe-buffer
----- Copyrights
Copyright (c) Feross Aboukhadijeh
MIT. Copyright (C) [Feross Aboukhadijeh] (http://feross.org)

----- Dependency
string_decoder
----- Copyrights
```

---

Copyright Joyent, Inc. and other Node contributors.  
Copyright Joyent, Inc. and other Node contributors. All rights reserved.  
Copyright Node.js contributors. All rights reserved.

----- Dependency

tar-fs

----- Copyrights

Copyright (c) 2014 Mathias Buus

----- Dependency

tar-stream

----- Copyrights

Copyright (c) 2014 Mathias Buus

----- Dependency

tr46

----- Copyrights

----- Dependency

unbzip2-stream

----- Copyrights

Copyright (c) 2011 by antimatter15 (antimatter15@gmail.com).

Copyright (c) 2017 by Jan Boelsche (jan@lagomorph.de)

Copyright 2011 by antimatter15 (antimatter15@gmail.com)

----- Dependency

util-deprecate

----- Copyrights

Copyright (c) 2014 Nathan Rajlich <nathan@tootallnate.net>

----- Dependency

whatwg-url

----- Copyrights

Copyright (c) 2015-2016 Sebastian Mayr

----- Dependency

ws

----- Copyrights

Copyright (c) 2011 Einar Otto Stangvik <einaros@gmail.com>

----- Dependency

yauzl

----- Copyrights

Copyright (c) 2014 Josh Wolfe

----- Dependencies Summary

agent-base

balanced-match

base64-js

bl

brace-expansion

buffer

buffer-crc32

concat-map

## Third-Party Notices

---

debug  
end-of-stream  
fd-slicer  
find-up  
fs-constants  
get-stream  
https-proxy-agent  
locate-path  
mkdirp-classic  
ms  
node-fetch  
p-limit  
p-locate  
p-try  
path-exists  
path-is-absolute  
pend  
pkg-dir  
progress  
proxy-from-env  
pump  
readable-stream  
safe-buffer  
string\_decoder  
tar-fs  
tar-stream  
tr46  
unzip2-stream  
util-deprecate  
whatwg-url  
ws  
yauzl

----- License used by Dependencies

SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN

---

CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

chownr

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency

glob

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency

inflight

----- Copyrights

Copyright (c) Isaac Z. Schlueter

----- Dependency

inherits

----- Copyrights

Copyright (c) Isaac Z. Schlueter

----- Dependency

minimatch

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency

once

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency

rimraf

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency

wrappy

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependencies Summary

chownr

glob

inflight

inherits

minimatch

once

rimraf

wrappy

----- License used by Dependencies

SPDX:ISC

Permission to use, copy, modify, and/or distribute this

## Third-Party Notices

---

software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

through

----- Copyrights

Copyright (c) 2011 Dominic Tarr

----- Dependencies Summary

through

----- License used by Dependencies

Apache License, Version 2.0

Copyright (c) 2011 Dominic Tarr

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

The MIT License

Copyright (c) 2011 Dominic Tarr

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

@types/node

----- Copyrights

Copyright (c) Microsoft Corporation.

Copyright Node.js contributors. All rights reserved.

----- Dependencies Summary

@types/node

----- License used by Dependencies

MIT License

Copyright (c) Microsoft Corporation.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE

## Third-Party Notices

---

----- Dependencies Grouped by License -----

----- Dependency

@types/yauzl

----- Copyrights

Copyright (c) Microsoft Corporation.

----- Dependencies Summary

@types/yauzl

----- License used by Dependencies

MIT License

Copyright (c) Microsoft Corporation.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the ""Software""), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all

copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE

----- Dependencies Grouped by License -----

----- Dependency

devtools-protocol

----- Copyrights

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

Copyright 2014 The Chromium Authors. All rights reserved.

Copyright 2017 The Chromium Authors. All rights reserved.

----- Dependencies Summary

devtools-protocol

----- License used by Dependencies

// Copyright 2014 The Chromium Authors. All rights reserved.

//

// Redistribution and use in source and binary forms, with or without

```
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// distribution.
// * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived from
// this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

----- Dependencies Grouped by License -----

----- Dependency

extract-zip

----- Copyrights

Copyright (c) 2014 Max Ogden and other contributors

----- Dependencies Summary

extract-zip

----- License used by Dependencies

Copyright (c) 2014 Max Ogden and other contributors

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

## Third-Party Notices

---

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

ieee754

----- Copyrights

BSD 3 Clause. Copyright (c) 2008, Fair Oaks Labs, Inc.

Copyright 2008 Fair Oaks Labs, Inc.

----- Dependencies Summary

ieee754

----- License used by Dependencies

Copyright 2008 Fair Oaks Labs, Inc.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

```
webidl-conversions
----- Copyrights
Copyright (c) 2014, Domenic Denicola
```

```
----- Dependencies Summary
webidl-conversions
----- License used by Dependencies
# The BSD 2-Clause License
```

```
Copyright (c) 2014, Domenic Denicola
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
```

```
----- Dependency
fs.realpath
----- Copyrights
Copyright (c) Isaac Z. Schlueter and Contributors
Copyright Joyent, Inc. and other Node contributors.
```

```
----- Dependencies Summary
fs.realpath
----- License used by Dependencies
The ISC License
```

```
Copyright (c) Isaac Z. Schlueter and Contributors
```

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF

## Third-Party Notices

---

MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----

This library bundles a version of the `fs.realpath` and `fs.realpathSync` methods from Node.js v0.10 under the terms of the Node.js MIT license.

Node's license follows, also included at the header of `old.js` which contains the licensed code:

Copyright Joyent, Inc. and other Node contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `Software`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `"AS IS"`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Grafana Labs, Grafana, 7.5.16, [github.com/grafana/grafana](https://github.com/grafana/grafana)

----- Copyrights

Copyright (c) 2014-2020 Denis Pushkarev

Copyright (c) 2014-2021 Denis Pushkarev

Copyright (c) 2014-2022 Denis Pushkarev

Copyright (c) 2018 NAN contributors

Copyright (c) 2018 NAN WG Members / Collaborators (listed above).

Copyright (c) 2012 Nathan Rajlich <[nathan@tootallnate.net](mailto:nathan@tootallnate.net)>

Copyright (c) 2009 Google Inc. All rights reserved.

Copyright (c) 2020 Node.js contributors. All rights reserved.

Copyright (c) 2017 Mikael Brevik

Copyright (c) 2010 - present, Remy Sharp, <https://remysharp.com>

<[remy@remysharp.com](mailto:remy@remysharp.com)>

Copyright (c) 2016, Daniel Wirtz All rights reserved.

Copyright (c) 2016 Chad Engler

Copyright (c) 2012-2018 by various contributors (see AUTHORS)

Copyright (C) 2012-2017 by Ingvar Stepanyan  
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>  
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>  
Copyright (c) 2012, 2013 Thorsten Lorenz <thlorenz@gmx.de>  
Copyright (c) 2012 James Halliday <mail@substack.net>  
Copyright (c) 2009 Thomas Robinson <280north.com>  
Copyright (C) 2012 Yusuke Suzuki (twitter: @Constellation) and other contributors.  
Copyright (C) 2012 [Yusuke Suzuki] (<http://github.com/Constellation>)  
Copyright contributors  
Copyright (c) Open JS Foundation  
Copyright JS Foundation and other contributors, <https://js.foundation/>  
Copyright (C) 2012-2016 [Yusuke Suzuki] (<http://github.com/Constellation>)  
Copyright (C) 2013 [Yusuke Suzuki] (<http://github.com/Constellation>)  
Copyright (c) 2013 [Ramesh Nair] (<http://www.hiddentao.com/>)  
Copyright (c) Isaac Z. Schlueter and Contributors  
Copyright Joyent, Inc. and other Node contributors.  
Copyright (c) Isaac Z. Schlueter  
Copyright (c) George Zahariev  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)  
Copyright (c) 2009-2011, Mozilla Foundation and contributors  
Copyright (c) 2014 KARASZI István  
Copyright (c) 2014-2017, Jon Schlinkert  
Copyright © 2017, [Jon Schlinkert] (<https://github.com/jonschlinkert>).  
Copyright 2014, Google Inc. All rights reserved.  
Copyright 2015 Grafana Labs  
Copyright 2014-2018 Grafana Labs  
Copyright 2012-2013 Elasticsearch BV  
Copyright 2014-2021 Grafana Labs  
Copyright (c) 2013 TOML authors  
Copyright (c) 2020 SolarWinds  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015-2019 Brett Vickers. All rights reserved.  
Copyright (c) 2014 Ben Johnson  
Copyright (c) 2020 Centrifugal  
Copyright (c) 2015, Ross Kinder  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2015, Facebook, Inc. All rights reserved.  
Copyright (c) 2013-present, Facebook, Inc.  
Copyright (c) 2013 Fatih Arslan  
Copyright (c) 2016 Gustavo Chaín  
Copyright (c) 2019 Sentry (<https://sentry.io>) and individual contributors.  
Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.  
Copyright (c) 2014 Chris Hines  
Copyright (c) 2016 Sergey Kamardin  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2009, 2014 Google Inc. All rights reserved.  
Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
11 of the WIPO copyright treaty adopted on 20 December 1996, or  
Copyright (c) 2017 HashiCorp  
Copyright (c) 2020-2021 Influxdata, Inc.  
Copyright 2015-2019 The Jaeger Project Authors  
Copyright 2015 James Saryerwinnie

## Third-Party Notices

---

Copyright (c) 2016 json-iterator  
Copyright (c) 2017 Kurt Jung and contributors acknowledged in the documentation  
Copyright (c) 2011-2013, 'pq' Contributors  
Portions Copyright (C) 2011 Blake Mizerany  
Copyright (c) 2014 Yasuhiro Matsumoto  
Copyright (c) 2012-2019 Patrick Mylund Nielsen and the go-cache contributors  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2013 Matt T. Proud  
Copyright 2015 The Prometheus Authors  
Copyright (C) 2012 Rob Figueiredo  
Copyright (c) 2016 SmartyStreets, LLC  
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.  
Copyright (c) 2019, Timber Technologies, Inc.  
Copyright (c) 2016 Jeremy Saenz & Contributors  
Copyright 2016 Weaveworks Ltd.  
Copyright © 2019, Vasiliy Vasilyuk <xorcare@gmail.com>  
Copyright (c) 2015 Iwasaki Yudai  
Copyright (c) 2012 Sergi Mansilla <sergi.mansilla@gmail.com>  
Copyright (C) 2013 Jeremy Saenz  
Copyright (c) 2013-2014 Onsi Fakhouri  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright ©2013 The Gonum Authors. All rights reserved.  
Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright 2014 gRPC authors.  
Copyright (c) 2014 Alexandre Cesaro  
Copyright (c) 2011-2015 Michael Mitton (mmitton@gmail.com)  
Portions copyright (c) 2015-2016 go-asn1-ber Authors  
Portions copyright (c) 2015-2016 go-ldap Authors  
Copyright (c) 2013 The github.com/go-redis/redis Authors.  
Copyright (c) 2013 - 2015 Lunny Xiao <xiaolunwen@gmail.com>  
Copyright (c) 2013 - 2015 The Xorm Authors  
Copyright (c) 2014-present Sebastian McKenzie and other contributors  
Copyright (c) 2014-present, Facebook, Inc.  
Copyright (c) Emotion team and other contributors  
Copyright (c) 2017 Alexander Reardon  
Copyright (c) 2019 Federico Zivolo  
Copyright (c) 2018 Mark Erikson  
Copyright (c) 2019, Sentry  
Copyright (c) 2021 Jed Watson  
MIT Licensed. Copyright (c) Jed Watson 2019.  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright (c) 2017-2018 Fredrik Nicol  
Copyright (c) 2018 Sven Sauleau <sven@sauleau.com>  
Copyright (c) 2017 Mauro Bringolf  
Copyright 2012 The Obvious Corporation.  
Copyright (c) 2018-present, Vitali Zaidman <vzaidman@gmail.com>  
Copyright (c) 2019 Anton Zinovyev  
Copyright (c) 2008, Fair Oaks Labs, Inc.  
BSD 3 Clause. Copyright (c) 2008, Fair Oaks Labs, Inc.  
Copyright Isaac Z. Schlueter and Contributors

Copyright (c) 2017 molsson  
Copyright (C) 2012-2020 by various contributors (see AUTHORS)  
Copyright (c) 2015,2016 Matt Woolf (MatAtBread, MatAtWork)  
Copyright (c) 2014-present yiminghe  
Copyright (c) 2015-2017 Evgeny Poberezkin  
Copyright (c) 2016 Evgeny Poberezkin  
Copyright (c) 2016 Angular  
Copyright (c) 2010-2015 Google, Inc. <http://angularjs.org>  
Copyright (c) 2013-2014 Pasquale Vazzana  
Copyright (c) 2016, Contributors  
Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.  
Copyright (c) 2019 Elan Shanker, Paul Miller (<https://paulmillr.com>)  
Copyright (c) 2015 [afc163@gmail.com](mailto:afc163@gmail.com)  
Copyright (c) 2017 Kent C. Dodds  
Copyright 2018 Kuznetsov Dmitriy  
Copyright (c) 2015 Lucas Wiener  
Copyright (c) 2019 Sindre Sorhus <[sindresorhus@gmail.com](mailto:sindresorhus@gmail.com)>  
(<https://sindresorhus.com>), Paul Miller (<https://paulmillr.com>)  
Copyright 2013 Thorsten Lorenz.  
Copyright (c) 2014-2018, Jon Schlinkert.  
Copyright © 2019, [Jon Schlinkert] (<https://github.com/jonschlinkert>).  
Copyright 2014 Andrey Sitnik <[andrey@sitnik.ru](mailto:andrey@sitnik.ru)> and other contributors  
Copyright (c) 2016, 2018 Linus Unneb%ck  
Copyright (c) 2014 Johannes Schickling  
Copyright (c) James Talmage <[james@talmage.io](mailto:james@talmage.io)> ([github.com/jamestalmage](https://github.com/jamestalmage))  
Copyright (c) Vsevolod Strukchinsky <[floatdrop@gmail.com](mailto:floatdrop@gmail.com)>  
([github.com/floatdrop](https://github.com/floatdrop))  
Copyright (c) 2021 Centrifugal  
Copyright © 2011, Paul Vorbach. All rights reserved.  
Copyright © 2009, Jeff Mott. All rights reserved.  
Copyright (c) 2012-2019 Paul Miller (<https://paulmillr.com>), Elan Shanker  
Copyright (c) 2015 Joyent Inc. All rights reserved.  
Copyright (c) 2016-2018 Thomas Watson Steen  
Copyright (c) 2017 Jed Watson  
[MIT](LICENSE). Copyright (c) 2017 Jed Watson.  
Copyright (c) Zeno Rocha  
Copyright (c) Luke Edwards <[luke.edwards05@gmail.com](mailto:luke.edwards05@gmail.com)> ([lukeed.com](https://lukeed.com))  
Copyright (c) 2011-2016 Heather Arthur <[fayeearthur@gmail.com](mailto:fayeearthur@gmail.com)>  
Copyright &copy; 2011-2016, Heather Arthur and Josh Junon. Licensed under  
the [MIT License](LICENSE).  
Copyright (c) 2015 Dmitry Ivanov  
Copyright (c) 2011 TJ Holowaychuk <[tj@vision-media.ca](mailto:tj@vision-media.ca)>  
Copyright © Declan de Wet  
Copyright Sindre Sorhus <[sindresorhus@gmail.com](mailto:sindresorhus@gmail.com)> ([sindresorhus.com](https://sindresorhus.com))  
Copyright Google  
Copyright (c) 2017 sudodoki <[smd.deluzion@gmail.com](mailto:smd.deluzion@gmail.com)>  
Copyright (c) 2015 David Clark  
Copyright (c) 2014 IndigoUnited  
Copyright (c) 2018 Alex Reardon  
Copyright (c) 2017 Robin Frischmann  
Copyright (C) 2016-2019 by Roman Dvornov  
Copyright 2010-2017 Mike Bostock  
Copyright 2010-2016 Mike Bostock  
Copyright 2010-2016, Mike Bostock  
Copyright 2012-2017 Mike Bostock  
Copyright 2013-2016 Mike Bostock

## Third-Party Notices

---

Copyright 2001 Robert Penner  
Copyright 2016 Mike Bostock  
Copyright 2010-2015 Mike Bostock  
Copyright (c) 2008-2012, Charles Karney  
Copyright 2015-2016 Mike Bostock  
Copyright 2010-2018 Mike Bostock  
Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The Pennsylvania State  
Copyright (c) 2010-2018, Michael Bostock  
Copyright (c) 2010-2015, Michael Bostock  
Copyright (C) 2010-2013 Raymond Hill  
Copyright [Cristofer] (<https://www.chrises.me/>)  
Copyright Bj\_rge N?ss  
Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca&gt;  
Copyright (c) 2011-2013 Phillip Clark  
Copyright (c) 2013-2018, Viacheslav Lotsmanov  
Copyright (C) 2015 Jordan Harband  
Copyright © 2022 Zeno Rocha <hi@zenorocha.com>  
Copyright (c) 2014 Titus Wormer <tituswormer@gmail.com>  
Copyright (c) 2015 Jason Quense  
Copyright (c) 2013, Deoxxa Development  
Copyright 2018 Kilian Valkhof  
Copyright (c) 2016 Lucas Wiener  
Copyright (c) 2014 Component contributors <dev@component.io>  
Copyright (c) 2013-2018 Takuto Wada, [https://github.com/power-assert-  
js/empower](https://github.com/power-assert-js/empower)  
Copyright JS Foundation and other contributors  
Copyright (c) 2012-2019 JS Foundation and other contributors  
Copyright (c) 2015 JD Ballard  
Copyright (c) 2017 Eric Wendelin and other contributors  
Copyright (C) 2018-2021 Guy Bedford  
Copyright (C) 2012-2013 Yusuke Suzuki (twitter: @Constellation) and other  
contributors.  
Copyright (c) 2014-2018 Takuto Wada, <https://github.com/estools/espurify>  
Copyright (C) 2014 [Yusuke Suzuki] (<https://github.com/Constellation>)  
Copyright Mathias Bynens <<https://mathiasbynens.be/>>  
Copyright (c) 2014 Arnout Kazemier  
Copyright (c) 2017 Evgeny Poberezkin  
Copyright (c) 2013 James Halliday  
Copyright (c) 2016 Caio Gondim  
Copyright © 2016 [Eli Grey][1].  
Copyright (c) 2014-present, Jon Schlinkert.  
Copyright © 2017 jsdnxx  
Copyright (c) 2013 Raynos.  
Copyright (c) 2014 Nathan Rajlich <n@n8.io>  
Copyright (c) 2020 Jordan Harband  
Copyright (c) 2015, 2019 Elan Shanker  
Copyright (c) 2013, Nick Fitzgerald  
Copyright (c) 2011-2022 Isaac Z. Schlueter, Ben Noordhuis, and  
Contributors  
Copyright (C) 2011-2014 by Jorik Tangelder (Eight Media)  
Copyright (c) 2013 Thiago de Arruda  
Copyright (c) 2022 Inspect JS  
Copyright (c) 2016 Jordan Harband  
Copyright (c) 2015 Treasure Data

Copyright (c) 2015, Yahoo! Inc. All rights reserved.  
Copyright (c) 2015, Espen Hovlandsdal  
Copyright (c) 2011 Alexander Shtuchkin  
Copyright (c) 2016, Mark Wubben  
Copyright (c) 2017 Michel Weststrate  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>  
(<https://sindresorhus.com>)  
Copyright (c) 2013 Gary Court, Jens Taylor  
Copyright (c) 2015 Robin Frischmann  
Copyright (c) Feross Aboukhadijeh  
Copyright (c) 2014 Dave Justice  
Copyright (c) 2014-2016, Jon Schlinkert  
Copyright © 2016, [Jon Schlinkert] (<https://github.com/jonschlinkert>).  
Copyright (c) 2014-2017, Jon Schlinkert.  
Copyright © 2017, [Ian Storm Taylor] (<https://ianstormtaylor.com>)  
Copyright (c) 2016-2019 Jared Anderson  
Copyright © 2018, [Jon Schlinkert] (<https://github.com/jonschlinkert>).  
Copyright (c) 2016 W.Y.  
Copyright (c) Facebook, Inc. and its affiliates.  
Copyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub  
Contributors  
Copyright (c) 2014, 2015, 2016, 2017, 2018 Simon Lydell  
Copyright 2017 Kat March ·n  
Copyright (c) 2014 Almende B.V.  
Copyright (c) 2015 Brian Donovan  
Copyright (c) Tobias Koppers @sokra  
Copyright OpenJS Foundation and other contributors <<https://openjsf.org/>>  
Copyright JS Foundation and other contributors <<https://js.foundation/>>  
Copyright (c) 2015 Andres Suarez <zertosh@gmail.com>  
Copyright © 2011-2012, Paul Vorbach.  
Copyright © 2009, Jeff Mott.  
Copyright © 2011-2015, Paul Vorbach.  
Copyright (c) 2019 Alexander Reardon  
Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)  
Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2015-2022 Douglas Christopher Wilson  
<doug@somethingdoug.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>  
Copyright (c) JS Foundation and other contributors  
Copyright (c) 2020 Vercel, Inc.  
Copyright (c) 2014-2018 Suguru Motegi  
Copyright (c) 2017 Sergey Rubanov (<https://github.com/chicoxyzyzy>)  
Copyright 2009, 2010, 2011 Isaac Z. Schlueter.  
Copyright (C) 2013 Jordan Harband  
Copyright (c) 2015 Matthew Holt  
Copyright © 2013-2016 Domenic Denicola <d@domenic.me>  
Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>  
Copyright (c) 2015 Javier Blanco  
Copyright (c) 2017 Braveg1rl  
Copyright (c) 2013 Braveg1rl  
Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov  
Copyright (c) 2017-present, Jon Schlinkert.  
Copyright © 2017-present, [Jon  
Schlinkert] (<https://github.com/jonschlinkert>).  
Copyright (c) 2013-2018 Takuto Wada, [https://github.com/power-assert-  
js/power-assert](https://github.com/power-assert-<br/>js/power-assert)

## Third-Party Notices

---

Copyright (c) 2013-2016 Takuto Wada, <https://github.com/power-assert-js/power-assert-formatter>  
Copyright (c) 2016-2018 Takuto Wada, <https://github.com/twada/power-assert-runtime>  
Copyright (c) 2012 Lea Verou  
Copyright (c) 2014-2020 Jos de Jong  
Copyright © 2019 Remy Sharp, <https://remysharp.com> <remy@remysharp.com>  
Copyright 2013 Chris Dickinson <chris@neversaw.us>  
Copyright (c) 2021 Alex Reardon  
Copyright (c) 2017 crypto-browserify  
Copyright (c) 2011 Dominic Tarr  
Copyright (c) 2013, Dominic Tarr  
Copyright (c) 2015-present Alipay.com, <https://www.alipay.com/>  
Copyright (c) 2014-present alipay.com  
Copyright (c) 2019-present afcl63  
Copyright (c) 2018 @bokuweb  
Copyright 2019 Atlassian Pty Ltd  
Copyright (c) 2014-2016 Matt Zabriskie. All rights reserved.  
Copyright (c) 2018 Formidable Labs  
Copyright (c) 2016 Samuel Reed  
Copyright (c) 2015 James Burnett  
Copyright (c) 2018 Jed Watson  
Copyright (c) 2018 Jed Watson. [MIT](LICENSE) License.  
Copyright (c) 2018 React Popper authors  
Copyright (c) 2015-present Dan Abramov  
Copyright (c) 2016-2018 Samuel Reed  
Copyright (c) 2016 Sean Matheson  
Copyright (c) 2015 tomkp  
Copyright 2016 Frankie Bagnardi <f.bagnardi@gmail.com>  
Copyright (c) 2018, React Community  
Forked from React (<https://github.com/facebook/react>) Copyright 2013-present, Facebook, Inc.  
Copyright (c) 2018 Brian Vaughn  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (<https://paulmillr.com>)  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller (<<https://paulmillr.com>>)  
Copyright (c) 2016 Eugene Rodionov  
Copyright (c) 2016 Espen Hovlandsdal  
Copyright (c) 2015-2018 Reselect Contributors  
Copyright (c) 2016 Denis Rul  
Copyright (c) 2012 James Halliday  
Copyright (c) 2017 Troy Howard  
Copyright (c) 2014-2016, Michael Bostock  
Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors  
Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>  
Copyright (c) 2014 retraceio  
Copyright (c) 2014  
Copyright Isaac Z. Schlueter  
Copyright 2014 Yahoo! Inc.  
Copyright (c) 2017 Alberto Leal <mailforalberto@gmail.com> ([github.com/dashed](https://github.com/dashed))  
Copyright (c) Kevin Martensson <kevinmartensson@gmail.com> ([github.com/kevva](https://github.com/kevva))  
Copyright (c) 2015, Contributors

Copyright © 2016–2017, [Ian Storm Taylor] (<https://ianstormtaylor.com>)  
 Copyright (c) 2014 Evan Wallace  
 Copyright (c) 2015 Rich Harris  
 Copyright (c) 2016–present Sultan Tarimo  
 Copyright (c) Ben Lesh <ben@benlesh.com>  
 Copyright 2012–2018 (c) Mihai Bazon <mihai.bazon@gmail.com>  
 Copyright (c) 2014–2017 HubSpot, Inc.  
 Copyright © 2014–2017 HubSpot - [MIT License] (LICENSE)  
 Copyright (c) 2013 HubSpot, Inc.  
 Copyright © 2015 HubSpot - [MIT License] (LICENSE)  
 Copyright (c) 2010 "Cowboy" Ben Alman  
 Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
 Original module license:\*\* Copyright (c) 2010 "Cowboy" Ben Alman (Dual  
 licensed under the MIT and GPL licenses.  
<http://benalman.com/about/license/>)  
 Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com>  
 Copyright (c) 2015 Marco Ziccardi  
 Copyright (c) 2017 Scott Corgan  
 Copyright (c), Brian Grinstead, <http://briangrinstead.com>  
 Copyright (c) 2014 Petka Antonov  
 Copyright (c) 2015–present, Jon Schlinkert.  
 Copyright 2010 James Halliday (mail@substack.net)  
 Copyright 2017 Google Inc. All rights reserved.  
 Copyright (c) 2014–2016 Takuto Wada, <https://github.com/twada/type-name>  
 Copyright (c) 2013 Forbes Lindesay  
 Copyright © 2016 Remy Sharp, <http://remysharp.com> <remy@remysharp.com>  
 Copyright (c) 2016 azu  
 Copyright 2011 Gary Court. All rights reserved.  
 Copyright (c) 2010–2020 Robert Kieffer and other contributors  
 Copyright (c) 2014–2017 Almende B.V.  
 Copyright (c) 2018 Contributors  
 Copyright (C) 2010–2018 Almende B.V. and Contributors  
 Copyright (c) 2017 JS Foundation and other contributors  
 Copyright (c) 2014–2016 GitHub, Inc.  
 Copyright (c) 2015, Rebecca Turner  
 Copyright (c) 2012–2014 Raynos.  
 Copyright 2018 Eemeli Aro <eemeli@gmail.com>  
 Copyright 2014 The Gogs Authors. All rights reserved.  
 Copyright 2013 Martini Authors  
 Copyright 2014 Unknwon  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2016 The Prometheus Authors  
 Copyright 2014 The Macaron Authors  
 Copyright 2014 Martini Authors  
 Copyright 2020 The Macaron Authors  
 Copyright 2015 The Macaron Authors  
 Copyright 2017 The Macaron Authors  
 Copyright (c) 2020 Grafana Labs <contact@grafana.com>, Damian Gryski  
 <damian@gryski.com>  
 Copyright 2014 Torkel ÷degaard  
 ----- Notices  
 Copyright 2014–2018 Grafana Labs

This software is based on Kibana:  
 Copyright 2012–2013 Elasticsearch BV

----- License  
SPDX:Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces  
of,  
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including  
the original version of the Work and any modifications or additions  
to that Work or Derivative Works thereof, that is intentionally  
submitted to Licensor for inclusion in the Work by the copyright  
owner

or by an individual or Legal Entity authorized to submit on behalf  
of

the copyright owner. For the purposes of this definition,  
"submitted"

means any form of electronic, verbal, or written communication sent  
to the Licensor or its representatives, including but not limited to  
communication on electronic mailing lists, source code control  
systems,

and issue tracking systems that are managed by, or on behalf of, the  
Licensor for the purpose of discussing and improving the Work, but  
excluding communication that is conspicuously marked or otherwise  
designated in writing by the copyright owner as "Not a  
Contribution."

"Contributor" shall mean Licensor and any individual or Legal  
Entity

on behalf of whom a Contribution has been received by Licensor and  
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of  
this License, each Contributor hereby grants to You a perpetual,  
worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
copyright license to reproduce, prepare Derivative Works of,  
publicly display, publicly perform, sublicense, and distribute the  
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of  
this License, each Contributor hereby grants to You a perpetual,  
worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
(except as stated in this section) patent license to make, have  
made,

use, offer to sell, sell, import, and otherwise transfer the Work,  
where such license applies only to those patent claims licensable  
by such Contributor that are necessarily infringed by their  
Contribution(s) alone or by combination of their Contribution(s)  
with the Work to which such Contribution(s) was submitted. If You  
institute patent litigation against any entity (including a  
cross-claim or counterclaim in a lawsuit) alleging that the Work  
or a Contribution incorporated within the Work constitutes direct  
or contributory patent infringement, then any patent licenses  
granted to You under this License for that Work shall terminate  
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the  
Work or Derivative Works thereof in any medium, with or without  
modifications, and in Source or Object form, provided that You  
meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/apache/arrow/go/arrow
----- Copyrights
Copyright 2013 Sharvil Nanavati
Copyright (c) 2006-2010, Salvatore Sanfilippo <antirez at gmail dot com>
Copyright (c) 2013 The Chromium Authors. All rights reserved.
Copyright: 2013 Daniel Lemire
Copyright 2015 The TensorFlow Authors. All Rights Reserved.
Copyright (c) 2005-2017, NumPy Developers.
Copyright 2014 Google Inc.
Copyright 2015 Microsoft Corporation. All rights reserved.
Copyright (C) 2002-2017 Jason Evans <jasone@canonical.com>.
Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.
Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright 2016 Cloudera Inc.
Copyright (c) 2016 Giles Hall
Copyright (c) 2017, Jeroen Ooms and Jim Hester
Copyright (c) 2016 Ray Project (https://github.com/ray-project/ray)
Copyright (c) 2015, 2016, 2017 Howard Hinnant
Copyright (c) 2016 Adrian Colomitchi
Copyright (c) 2017 Florian Dang
Copyright (c) 2017 Paul Thompson
Copyright (c) 2018 Tomasz Kaminski
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>
Copyright (c) 2012-2014, Yann Collet
```

## Third-Party Notices

---

Copyright 2006-2011, the V8 project authors. All rights reserved.  
Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
Copyright (c) 2015-2018, conda-forge  
Copyright 2006 Nemanja Trifunovic  
Copyright: 2016 The Apache Software Foundation.  
Copyright: 2012 Cloudera, Inc.  
Copyright: 2009 Google Inc. All rights reserved.  
Copyright: 2016 manylinux  
Copyright (c) 2019 Omer Ozarslan  
Copyright 2019 RStudio, Inc.  
Copyright: Copyright 2000-2019 Kitware, Inc. and Contributors  
Copyright (c) 2009 - 2013 by the mingw-w64 project  
Copyright (c) Copyright 2017 Asylo authors  
Copyright 2008 Google Inc. All rights reserved.  
Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
Copyright 2014 gRPC authors.  
Copyright (C) 2006 - 2019, The Apache Software Foundation  
Copyright 2013-2019 The Apache Software Foundation  
(c) Copyright [2014-2015] Hewlett-Packard Development Company, L.P  
Copyright (c) 2016-present, Facebook, Inc. All rights reserved.  
Copyright (c) 2011-2016, Yann Collet  
Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.  
Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip.  
Copyright (c) 2006-2013 Alexander Chemeris  
Copyright (c) 2002 JSON.org  
Copyright 2011, Google Inc.  
fireworks.jpeg is Copyright 2013 Steinar H. Gunderson, and  
Copyright (c) 2006, Google Inc.  
Copyright (c) 2008, Google Inc.  
Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
Copyright (c) 2009 The RE2 Authors. All rights reserved.  
Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see  
AUTHORS  
Copyright 1998 by the Massachusetts Institute of Technology.  
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright: Copyright (c) 2013 - 2019, øøøøøø and Jeroen Ooms.  
Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
Copyright (c) 2008-2011 AQR Capital Management, LLC  
Copyright (C) 2011-12, Dynamic NDArray Developers  
Copyright (c) 2019, Jeroen Ooms  
Copyright (c) 2009-present, Homebrew contributors  
Copyright (C) 2004-2017 RenÉ Nyffenegger  
Copyright © 2005-2020 Rich Felker, et al.  
Copyright 2017 The Go Authors. All rights reserved.

----- Dependencies Summary  
[github.com/apache/arrow/go/arrow](https://github.com/apache/arrow/go/arrow)

----- License used by Dependencies

Apache License 2.0

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0.txt>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----

src/plasma/fling.cc and src/plasma/fling.h: Apache 2.0

Copyright 2013 Sharvil Nanavati

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----

src/plasma/thirdparty/ae: Modified / 3-Clause BSD

Copyright (c) 2006-2010, Salvatore Sanfilippo <antirez at gmail dot com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.
- \* Neither the name of Redis nor the names of its contributors may be used  
to endorse or promote products derived from this software without  
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

## Third-Party Notices

---

CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
src/plasma/thirdparty/dlmalloc.c: CC0

This is a version (aka dlmalloc) of malloc/free/realloc written by Doug Lea and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/> Send questions, comments, complaints, performance data, etc to dl@cs.oswego.edu

-----  
-----  
src/plasma/common.cc (some portions)

Copyright (c) Austin Appleby (aappleby (AT) gmail)

Some portions of this file are derived from code in the MurmurHash project

All code is released to the public domain. For business purposes, Murmurhash is under the MIT license.

<https://sites.google.com/site/murmurhash/>

-----  
-----  
src/arrow/util (some portions): Apache 2.0, and 3-clause BSD

Some portions of this module are derived from code in the Chromium project, copyright (c) Google inc and (c) The Chromium Authors and licensed under the Apache 2.0 License or the under the 3-clause BSD license:

Copyright (c) 2013 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its

contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project includes code from Daniel Lemire's FrameOfReference project.

<https://github.com/lemire/FrameOfReference/blob/6ccaf9e97160f9a3b299e23a8ef739e711ef0c71/src/bpacking.cpp>

Copyright: 2013 Daniel Lemire  
Home page: <http://lemire.me/en/>  
Project page: <https://github.com/lemire/FrameOfReference>  
License: Apache License Version 2.0  
<http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from the TensorFlow project

Copyright 2015 The TensorFlow Authors. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
This project includes code from the NumPy project.

<https://github.com/numpy/numpy/blob/e1f191c46f2eebd6cb892a4bfe14d9dd43a06c4e/numpy/core/src/multiarray/multiarraymodule.c#L2910>

## Third-Party Notices

---

<https://github.com/numpy/numpy/blob/68fd82271b9ea5a9e50d4e761061dfcca851382a/numpy/core/src/multiarray/datetime.c>

Copyright (c) 2005-2017, NumPy Developers.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the NumPy Developers nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project includes code from the Boost project

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

This project includes code from the FlatBuffers project

Copyright 2014 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

This project includes code from the tslib project

Copyright 2015 Microsoft Corporation. All rights reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

This project includes code from the jemalloc project

<https://github.com/jemalloc/jemalloc>

## Third-Party Notices

---

Copyright (C) 2002-2017 Jason Evans <jasone@canonical.com>.  
All rights reserved.

Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.

Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice(s),  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice(s),  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER(S) ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

This project includes code from the Go project, BSD 3-clause license + PATENTS weak patent termination clause (<https://github.com/golang/go/blob/master/PATENTS>).

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project includes code from the hs2client

<https://github.com/cloudera/hs2client>

Copyright 2016 Cloudera Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
The script ci/scripts/util\_wait\_for\_it.sh has the following license

Copyright (c) 2016 Giles Hall

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all

## Third-Party Notices

---

copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

The script `r/configure` has the following license (MIT)

Copyright (c) 2017, Jeroen Ooms and Jim Hester

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

`cpp/src/arrow/util/logging.cc`, `cpp/src/arrow/util/logging.h` and `cpp/src/arrow/util/logging-test.cc` are adapted from Ray Project (<https://github.com/ray-project/ray>) (Apache 2.0).

Copyright (c) 2016 Ray Project (<https://github.com/ray-project/ray>)

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
The files `cpp/src/arrow/vendored/datetime/date.h`,  
`cpp/src/arrow/vendored/datetime/tz.h`,  
`cpp/src/arrow/vendored/datetime/tz_private.h`,  
`cpp/src/arrow/vendored/datetime/ios.h`,  
`cpp/src/arrow/vendored/datetime/ios.mm`,  
`cpp/src/arrow/vendored/datetime/tz.cpp` are adapted from  
Howard Hinnant's date library (<https://github.com/HowardHinnant/date>)  
It is licensed under MIT license.

The MIT License (MIT)  
Copyright (c) 2015, 2016, 2017 Howard Hinnant  
Copyright (c) 2016 Adrian Colomitchi  
Copyright (c) 2017 Florian Dang  
Copyright (c) 2017 Paul Thompson  
Copyright (c) 2018 Tomasz Kaminski

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE

## Third-Party Notices

---

SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/util/utf8.h` includes code adapted from the page  
<https://bjoern.hoehrmann.de/utf-8/decoder/dfa/>  
with the following license (MIT)

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the ""Software""), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/string_view.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or  
organization  
obtaining a copy of the software and accompanying documentation covered by  
this license (the ""Software""), to use, reproduce, display, distribute,  
execute, and transmit the Software, and to prepare derivative works of the  
Software, and to permit third-parties to whom the Software is furnished to  
do so, all subject to the following:

The copyright notices in the Software and this entire statement, including  
the above license grant, this restriction and the following disclaimer,  
must be included in all copies of the Software, in whole or in part, and  
all derivative works of the Software, unless such copies or derivative

works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/variant.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The files in `cpp/src/arrow/vendored/xxhash/` have the following license (BSD 2-Clause License)

xxHash Library

## Third-Party Notices

---

Copyright (c) 2012-2014, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

  - list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this

  - list of conditions and the following disclaimer in the documentation and/or

  - other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

You can contact the author at :

- xxHash homepage: <http://www.xxhash.com>

- xxHash source repository : <https://github.com/Cyan4973/xxHash>

-----  
-----

The files in `cpp/src/arrow/vendored/double-conversion/` have the following license

(BSD 3-Clause License)

Copyright 2006-2011, the V8 project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided

with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
The files in `cpp/src/arrow/vendored/uriparser/` have the following license (BSD 3-Clause License)

uriparser - RFC 3986 URI parsing library

Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

## Third-Party Notices

---

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
The files under dev/tasks/conda-recipes have the following license

BSD 3-clause license  
Copyright (c) 2015-2018, conda-forge  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
The files in cpp/src/arrow/vendored/utf8cpp/ have the following license

Copyright 2006 Nemanja Trifunovic

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
This project includes code from Apache Kudu.

\* `cpp/cmake_modules/CompilerInfo.cmake` is based on Kudu's `cmake_modules/CompilerInfo.cmake`

Copyright: 2016 The Apache Software Foundation.  
Home page: <https://kudu.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from Apache Impala (incubating), formerly Impala. The Impala code and rights were donated to the ASF as part of the Incubator process after the initial code imports into Apache Parquet.

Copyright: 2012 Cloudera, Inc.  
Copyright: 2016 The Apache Software Foundation.  
Home page: <http://impala.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----  
This project includes code from Apache Aurora.

## Third-Party Notices

---

\* dev/release/{release,changelog,release-candidate} are based on the scripts from  
Apache Aurora

Copyright: 2016 The Apache Software Foundation.  
Home page: <https://aurora.apache.org/>  
License: <http://www.apache.org/licenses/LICENSE-2.0>

-----  
-----

This project includes code from the Google styleguide.

\* cpp/build-support/cpplint.py is based on the scripts from the Google styleguide.

Copyright: 2009 Google Inc. All rights reserved.  
Homepage: <https://github.com/google/styleguide>  
License: 3-clause BSD

-----  
-----

This project includes code from Snappy.

\* cpp/cmake\_modules/{SnappyCMakeLists.txt,SnappyConfig.h} are based on code  
from Google's Snappy project.

Copyright: 2009 Google Inc. All rights reserved.  
Homepage: <https://github.com/google/snappy>  
License: 3-clause BSD

-----  
-----

This project includes code from the manylinux project.

\* python/manylinux1/scripts/{build\_python.sh,python-tag-abi-tag.py,requirements.txt} are based on code from the manylinux project.

Copyright: 2016 manylinux  
Homepage: <https://github.com/pypa/manylinux>  
License: The MIT License (MIT)

-----  
-----

This project includes code from the cymove project:

\* python/pyarrow/includes/common.pxd includes code from the cymove project

The MIT License (MIT)  
Copyright (c) 2019 Omer Ozarslan

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The projects includes code from the Ursabot project under the dev/archery directory.

License: BSD 2-Clause

Copyright 2019 RStudio, Inc.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

## Third-Party Notices

---

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
This project include code from CMake.

\* `cpp/cmake_modules/FindGTest.cmake` is based on code from CMake.

Copyright: Copyright 2000-2019 Kitware, Inc. and Contributors  
Homepage: <https://gitlab.kitware.com/cmake/cmake>  
License: 3-clause BSD

-----  
-----  
This project include code from mingw-w64.

\* `cpp/src/arrow/util/cpu-info.cc` has a polyfill for mingw-w64 < 5

Copyright (c) 2009 - 2013 by the mingw-w64 project  
Homepage: <https://mingw-w64.org>  
License: Zope Public License (ZPL) Version 2.1.

-----  
-----  
This project include code from Google's Asylo project.

\* `cpp/src/arrow/result.h` is based on `status_or.h`

Copyright (c) Copyright 2017 Asylo authors  
Homepage: <https://asylo.dev/>  
License: Apache 2.0

-----  
-----  
This project includes code from Google's protobuf project

\* `cpp/src/arrow/result.h` `ARROW_ASSIGN_OR_RAISE` is based off `ASSIGN_OR_RETURN`

Copyright 2008 Google Inc. All rights reserved.  
Homepage: <https://developers.google.com/protocol-buffers/>  
License:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

-----  
-----  
3rdparty dependency LLVM is statically linked in certain binary distributions. Additionally some sections of source code have been derived from sources in LLVM and have been clearly labeled as such. LLVM has the following license:

```
=====
====
LLVM Release License
=====
====
University of Illinois/NCSA
Open Source License
```

Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
All rights reserved.

Developed by:

LLVM Team

University of Illinois at Urbana-Champaign

<http://llvm.org>

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.

- \* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

=====  
=====

Copyrights and Licenses for Third Party Software Distributed with LLVM:

=====  
=====

The LLVM software contains code written by third parties. Such software will have its own individual LICENSE.TXT file in the directory in which it appears. This file will describe the copyrights, license, and restrictions which apply to that code.

The disclaimer of warranty in the University of Illinois Open Source License applies to all code in the LLVM Distribution, and nothing in any of the

other licenses gives permission to use the names of the LLVM Team or the University of Illinois to endorse or promote products derived from this Software.

The following pieces of software have additional or alternate copyrights, licenses, and/or restrictions:

Program	Directory
-----	-----
Google Test	llvm/utils/unittest/googletest
OpenBSD regex	llvm/lib/Support/{reg*, COPYRIGHT.regex}
pyyaml tests	llvm/test/YAMLParse/{*.data, LICENSE.TXT}
ARM contributions	llvm/lib/Target/ARM/LICENSE.TXT
md5 contributions	llvm/lib/Support/MD5.cpp
llvm/include/llvm/Support/MD5.h	

-----

-----

3rdparty dependency gRPC is statically linked in certain binary distributions, like the python wheels. gRPC has the following license:

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----

-----

3rdparty dependency Apache Thrift is statically linked in certain binary distributions, like the python wheels. Apache Thrift has the following license:

Apache Thrift  
Copyright (C) 2006 - 2019, The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

## Third-Party Notices

---

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

3rdparty dependency Apache ORC is statically linked in certain binary distributions, like the python wheels. Apache ORC has the following license:

Apache ORC  
Copyright 2013-2019 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (<http://www.apache.org/>).

This product includes software developed by Hewlett-Packard:  
(c) Copyright [2014-2015] Hewlett-Packard Development Company, L.P

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

3rdparty dependency zstd is statically linked in certain binary distributions, like the python wheels. ZSTD has the following license:

BSD License

For Zstandard software

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name Facebook nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency lz4 is statically linked in certain binary distributions, like the python wheels. lz4 has the following license:

LZ4 Library  
Copyright (c) 2011-2016, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this

list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency Brotli is statically linked in certain binary distributions, like the python wheels. Brotli has the following license:

Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
3rdparty dependency rapidjson is statically linked in certain binary distributions, like the python wheels. rapidjson and its dependencies have the following licenses:

Tencent is pleased to support the open source community by making RapidJSON available.

Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip.  
All rights reserved.

If you have downloaded a copy of the RapidJSON binary from Tencent, please note that the RapidJSON binary is licensed under the MIT License.  
If you have downloaded a copy of the RapidJSON source code from Tencent, please note that RapidJSON source code is licensed under the MIT License, except for the third-party components listed below which are subject to different license terms. Your integration of RapidJSON into your own projects may require compliance with the MIT License, as well as the other licenses applicable to the third-party components included within RapidJSON. To avoid the problematic JSON license in your own projects, it's sufficient to exclude the bin/jsonchecker/ directory, as it's the only code under the JSON license. A copy of the MIT License is included in this file.

Other dependencies and licenses:

Open Source Software Licensed Under the BSD License:

-----  
The msinttypes r29  
Copyright (c) 2006-2013 Alexander Chemeris  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

## Third-Party Notices

---

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Open Source Software Licensed Under the JSON License:

-----  
json.org  
Copyright (c) 2002 JSON.org  
All Rights Reserved.

JSON\_checker  
Copyright (c) 2002 JSON.org  
All Rights Reserved.

Terms of the JSON License:

-----  
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

The Software shall be used for Good, not Evil.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Terms of the MIT License:

-----  
Permission is hereby granted, free of charge, to any person obtaining  
a  
copy of this software and associated documentation files (the  
"Software"),  
to deal in the Software without restriction, including without  
limitation  
the rights to use, copy, modify, merge, publish, distribute,  
sublicense,  
and/or sell copies of the Software, and to permit persons to whom the  
Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be  
included  
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT  
SHALL THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,  
ARISING  
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS IN THE SOFTWARE.

-----  
-----  
3rdparty dependency snappy is statically linked in certain binary  
distributions, like the python wheels. snappy has the following license:

Copyright 2011, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors  
may be  
used to endorse or promote products derived from this software  
without  
specific prior written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

===

Some of the benchmark data in testdata/ is licensed differently:

- fireworks.jpeg is Copyright 2013 Steinar H. Gunderson, and is licensed under the Creative Commons Attribution 3.0 license (CC-BY-3.0). See <https://creativecommons.org/licenses/by/3.0/> for more information.
- kppkn.gtb is taken from the Gaviota chess tablebase set, and is licensed under the MIT License. See <https://sites.google.com/site/gaviotachessengine/Home/endgame-tablebases-1> for more information.
- paper-100k.pdf is an excerpt (bytes 92160 to 194560) from the paper *iCombinatorial Modeling of Chromatin Features Quantitatively Predicts DNA Replication Timing in *Drosophila** by Federico Comoglio and Renato Paro, which is licensed under the CC-BY license. See <http://www.ploscompbiol.org/static/license> for more information.
- alice29.txt, asyoulik.txt, plrabn12.txt and lcet10.txt are from Project Gutenberg. The first three have expired copyrights and are in the public domain; the latter does not have expired copyright, but is still in the public domain according to the license information (<http://www.gutenberg.org/ebooks/53>).

-----  
-----

3rdparty dependency gflags is statically linked in certain binary distributions, like the python wheels. gflags has the following license:

Copyright (c) 2006, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

3rdparty dependency glog is statically linked in certain binary distributions, like the python wheels. glog has the following license:

Copyright (c) 2008, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

A function `gettimeofday` in `utilities.cc` is based on

<http://www.google.com/codesearch/p?hl=en#dR3YEbitojA/COPYING&q=GetSystemTimeAsFileTime%20license:bsd>

The license of this code is:

Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name(s) of the above-listed copyright holder(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

3rdparty dependency `re2` is statically linked in certain binary distributions, like the python wheels. `re2` has the following license:

Copyright (c) 2009 The RE2 Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided

with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
3rdparty dependency c-ares is statically linked in certain binary distributions, like the python wheels. c-ares has the following license:

# c-ares license

Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see AUTHORS file.

Copyright 1998 by the Massachusetts Institute of Technology.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

-----  
-----  
3rdparty dependency zlib is redistributed as a dynamically linked shared library in certain binary distributions, like the python wheels. In the future this will likely change to static linkage. zlib has the following license:

zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

## Third-Party Notices

---

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly  
jloup@gzip.org

Mark Adler  
madler@alumni.caltech.edu

-----  
-----  
3rdparty dependency openssl is redistributed as a dynamically linked shared library in certain binary distributions, like the python wheels. openssl preceding version 3 has the following license:

### LICENSE ISSUES =====

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.  
See below for the actual license texts.

### OpenSSL License -----

```
/* =====  
* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
*  
* Redistribution and use in source and binary forms, with or without  
* modification, are permitted provided that the following conditions  
* are met:  
*  
* 1. Redistributions of source code must retain the above copyright  
* notice, this list of conditions and the following disclaimer.  
*  
* 2. Redistributions in binary form must reproduce the above copyright  
* notice, this list of conditions and the following disclaimer in  
* the documentation and/or other materials provided with the  
* distribution.
```

```

*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
*   ""This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names ""OpenSSL Toolkit"" and ""OpenSSL Project"" must not be
used to
*   endorse or promote products derived from this software without
*   prior written permission. For written permission, please contact
*   openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called ""OpenSSL""
* nor may ""OpenSSL"" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
*   ""This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com).  This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

```

Original SSLeay License

-----

```

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to.  The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms

```

## Third-Party Notices

---

```
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
*   must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the routines from the
library
*   being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*   the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed. i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

-----  
 -----  
 This project includes code from the rtools-backports project.

\* ci/scripts/PKGBUILD and ci/scripts/r\_windows\_build.sh are based on code from the rtools-backports project.

Copyright: Copyright (c) 2013 - 2019, øøøøøøøø and Jeroen Ooms.  
 All rights reserved.  
 Homepage: <https://github.com/r-windows/rtools-backports>  
 License: 3-clause BSD

-----  
 -----  
 Some code from pandas has been adapted for the pyarrow codebase. pandas is available under the 3-clause BSD license, which follows:

pandas license  
 =====

Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
 All rights reserved.

Copyright (c) 2008-2011 AQR Capital Management, LLC  
 All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

-----  
-----  
Some bits from DyND, in particular aspects of the build system, have been adapted from libdynd and dynd-python under the terms of the BSD 2-clause license

### The BSD 2-Clause License

Copyright (C) 2011-12, Dynamic NDArray Developers  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Dynamic NDArray Developers list:

- \* Mark Wiebe
- \* Continuum Analytics

-----  
-----  
Some source code from Ibis (<https://github.com/cloudera/ibis>) has been adapted for PyArrow. Ibis is released under the Apache License, Version 2.0.

-----  
-----  
This project includes code from the autobrew project.

\* `r/tools/autobrew` and `dev/tasks/homebrew-formulae/autobrew/apache-arrow.rb`

are based on code from the autobrew project.

Copyright (c) 2019, Jeroen Ooms  
License: MIT  
Homepage: <https://github.com/jeroen/autobrew>

-----  
-----  
dev/tasks/homebrew-formulae/apache-arrow.rb has the following license:

BSD 2-Clause License

Copyright (c) 2009-present, Homebrew contributors  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
IS""

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
cpp/src/arrow/vendored/base64.cpp has the following license

ZLIB License

Copyright (C) 2004-2017 RenÈ Nyffenegger

This source code is provided 'as-is', without any express or implied

## Third-Party Notices

---

warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original source code.
3. This notice may not be removed or altered from any source distribution.

Renè Nyffenegger [rene.nyffenegger@adp-gmbh.ch](mailto:rene.nyffenegger@adp-gmbh.ch)

-----  
-----  
The file `cpp/src/arrow/vendored/optional.hpp` has the following license

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
The file `cpp/src/arrow/vendored/musl/strptime.c` has the following license

Copyright © 2005-2020 Rich Felker, et al.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

`source-map@0.5.6`

----- Copyrights

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

----- Dependency

`source-map@0.5.7`

----- Copyrights

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

----- Dependency

`source-map@0.6.1`

----- Copyrights

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2014 Mozilla Foundation and contributors

## Third-Party Notices

---

### ----- Dependency

source-map@0.7.3

### ----- Copyrights

Copyright (c) 2009-2011, Mozilla Foundation and contributors

Copyright 2011 Mozilla Foundation and contributors

Copyright 2011 The Closure Compiler Authors. All rights reserved.

Copyright 2009-2011 Mozilla Foundation and contributors

Copyright 2014 Mozilla Foundation and contributors

### ----- Dependencies Summary

source-map@0.5.6

source-map@0.5.7

source-map@0.6.1

source-map@0.7.3

### ----- License used by Dependencies

Copyright (c) 2009-2011, Mozilla Foundation and contributors

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the names of the Mozilla Foundation nor the names of project contributors may be used to endorse or promote products derived from this

software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
@types/antlr4@4.7.2
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/common-tags@1.8.1
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/eslint-scope@3.7.3
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/eslint@8.4.1
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/estree@0.0.51
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/json-schema@7.0.11
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/jsurl@1.2.30
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/md5@2.3.2
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/node@17.0.25
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/prop-types@15.7.5
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@types/react@18.0.6
----- Copyrights
Copyright (c) Microsoft Corporation.
```

## Third-Party Notices

---

----- Dependency  
@types/scheduler@0.16.2  
----- Copyrights  
Copyright (c) Microsoft Corporation.

----- Dependency  
@types/uuid@8.3.0  
----- Copyrights  
Copyright (c) Microsoft Corporation.

----- Dependency  
@types/webpack@5.28.0  
----- Copyrights  
Copyright (c) Microsoft Corporation.

----- Dependencies Summary  
@types/antlr4@4.7.2  
@types/common-tags@1.8.1  
@types/eslint-scope@3.7.3  
@types/eslint@8.4.1  
@types/estree@0.0.51  
@types/json-schema@7.0.11  
@types/jsurl@1.2.30  
@types/md5@2.3.2  
@types/node@17.0.25  
@types/prop-types@15.7.5  
@types/react@18.0.6  
@types/scheduler@0.16.2  
@types/uuid@8.3.0  
@types/webpack@5.28.0

----- License used by Dependencies  
MIT License

Copyright (c) Microsoft Corporation.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE

----- Dependencies Grouped by License -----

----- Dependency

@types/braintree\_\_sanitize-url@4.0.0

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@types/hoist-non-react-statics@3.3.1

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@types/js-cookie@2.2.5

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@types/long@4.0.1

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@types/parse-json@4.0.0

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@types/react-loadable@5.5.2

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@types/react-virtualized-auto-sizer@1.0.0

----- Copyrights

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependencies Summary

@types/braintree\_\_sanitize-url@4.0.0

@types/hoist-non-react-statics@3.3.1

@types/js-cookie@2.2.5

@types/long@4.0.1

@types/parse-json@4.0.0

@types/react-loadable@5.5.2

@types/react-virtualized-auto-sizer@1.0.0

----- License used by Dependencies

## Third-Party Notices

---

MIT License

Copyright (c) Microsoft Corporation. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/weaveworks/common
----- Copyrights
Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
Copyright 2014-2016 Weaveworks Ltd.
Copyright 2016 Weaveworks Ltd.
Copyright 2017 The Prometheus Authors
Copyright (c) 2014-2016 The Docker & Go Authors. All rights reserved.
Copyright 2014-2016 The Docker & Go Authors. All rights reserved.
Copyright 2018 Weaveworks. All rights reserved.
----- Notices
Weave
Copyright 2016 Weaveworks Ltd.
This product includes software developed at Weaveworks Ltd.
```

```
----- Dependencies Summary
github.com/weaveworks/common
```

```
----- Dependencies Grouped by License -----
----- Dependency
rc@1.2.8
```

----- Copyrights  
Copyright (c) 2011 Dominic Tarr  
Copyright (c) 2013, Dominic Tarr

----- Dependencies Summary  
rc@1.2.8

----- License used by Dependencies  
Apache License, Version 2.0

Copyright (c) 2011 Dominic Tarr

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency  
github.com/ua-parser/uap-go  
----- Copyrights  
Copyright 2009 Google Inc.  
Copyright (c) 2013 Yihuan Zhou

----- Dependencies Summary  
github.com/ua-parser/uap-go

----- License used by Dependencies  
Apache License, Version 2.0  
=====

Copyright 2009 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency  
caniuse-lite@1.0.30001332

## Third-Party Notices

---

----- Copyrights  
(no copyright notices found)

----- Dependencies Summary  
caniuse-lite@1.0.30001332

----- License used by Dependencies  
Attribution 4.0 International

=====  
Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

### Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors: [wiki.creativecommons.org/Considerations\\_for\\_licensors](http://wiki.creativecommons.org/Considerations_for_licensors)

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason--for example, because of any applicable exception or limitation to copyright--then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described.

Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public:

[wiki.creativecommons.org/Considerations\\_for\\_licensees](http://wiki.creativecommons.org/Considerations_for_licensees)

=====  
Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 -- Definitions.

- a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.
- b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.
- c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.
- d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.
- e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.
- f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.

- g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.
- h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.
- i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.
- j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.
- k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

### Section 2 -- Scope.

- a. License grant.
  - 1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:
    - a. reproduce and Share the Licensed Material, in whole or in part; and
    - b. produce, reproduce, and Share Adapted Material.
  - 2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.
  - 3. Term. The term of this Public License is specified in Section 6(a).
  - 4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including

technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a) (4) never produces Adapted Material.

5. Downstream recipients.

- a. Offer from the Licensor -- Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.
- b. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a) (1) (A) (i).

b. Other rights.

1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.
2. Patent and trademark rights are not licensed under this Public License.
3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 -- License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

a. Attribution.

1. If You Share the Licensed Material (including in modified

form), You must:

- a. retain the following if it is supplied by the Licensor with the Licensed Material:
    - i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);
    - ii. a copyright notice;
    - iii. a notice that refers to this Public License;
    - iv. a notice that refers to the disclaimer of warranties;
    - v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;
  - b. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and
  - c. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.
2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.
  3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.
  4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 -- Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

- a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;
- b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database

Rights (but not its individual contents) is Adapted Material; and

- c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.

For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 -- Disclaimer of Warranties and Limitation of Liability.

- a. UNLESS OTHERWISE SEPARATELY UNDERTAKEN BY THE LICENSOR, TO THE EXTENT POSSIBLE, THE LICENSOR OFFERS THE LICENSED MATERIAL AS-IS AND AS-AVAILABLE, AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE LICENSED MATERIAL, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHER. THIS INCLUDES, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OR ABSENCE OF ERRORS, WHETHER OR NOT KNOWN OR DISCOVERABLE. WHERE DISCLAIMERS OF WARRANTIES ARE NOT ALLOWED IN FULL OR IN PART, THIS DISCLAIMER MAY NOT APPLY TO YOU.
- b. TO THE EXTENT POSSIBLE, IN NO EVENT WILL THE LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE) OR OTHERWISE FOR ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, OR OTHER LOSSES, COSTS, EXPENSES, OR DAMAGES ARISING OUT OF THIS PUBLIC LICENSE OR USE OF THE LICENSED MATERIAL, EVEN IF THE LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS, EXPENSES, OR DAMAGES. WHERE A LIMITATION OF LIABILITY IS NOT ALLOWED IN FULL OR IN PART, THIS LIMITATION MAY NOT APPLY TO YOU.
- c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 -- Term and Termination.

- a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.
- b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:
  - 1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or
  - 2. upon express reinstatement by the Licensor.

For the avoidance of doubt, this Section 6(b) does not affect any

## Third-Party Notices

---

right the Licensor may have to seek remedies for Your violations of this Public License.

- c. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.
- d. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

### Section 7 -- Other Terms and Conditions.

- a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.
- b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

### Section 8 -- Interpretation.

- a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.
- b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.
- c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.
- d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

=====

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the Licensor. The text of the Creative Commons public licenses is dedicated to the public domain under the CC0 Public Domain Dedication. Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at

creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

Creative Commons may be contacted at [creativecommons.org](https://creativecommons.org).

----- Dependencies Grouped by License -----

----- Dependency

react-transition-group@4.4.1

----- Copyrights

Copyright (c) 2018, React Community

Forked from React (<https://github.com/facebook/react>) Copyright 2013-present, Facebook, Inc.

Copyright (c) 2013-present, Facebook, Inc.

----- Dependencies Summary

react-transition-group@4.4.1

----- License used by Dependencies

BSD 3-Clause License

Copyright (c) 2018, React Community

Forked from React (<https://github.com/facebook/react>) Copyright 2013-present, Facebook, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

@sentry/browser@5.25.0

----- Copyrights

Copyright (c) 2019, Sentry

Copyright (c) Microsoft Corporation. All rights reserved.

----- Dependency

@sentry/core@5.25.0

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependency

@sentry/hub@5.25.0

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependency

@sentry/minimal@5.25.0

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependency

@sentry/types@5.24.2

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependency

@sentry/types@5.25.0

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependency

@sentry/utils@5.24.2

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependency

@sentry/utils@5.25.0

----- Copyrights

Copyright (c) 2019, Sentry

----- Dependencies Summary

@sentry/browser@5.25.0

```
@sentry/core@5.25.0
@sentry/hub@5.25.0
@sentry/minimal@5.25.0
@sentry/types@5.24.2
@sentry/types@5.25.0
@sentry/utils@5.24.2
@sentry/utils@5.25.0
```

```
----- License used by Dependencies
BSD 3-Clause License
```

```
Copyright (c) 2019, Sentry
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE
LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
----- Dependencies Grouped by License -----
```

```
----- Dependency
glob-to-regexp@0.4.1
----- Copyrights
Copyright (c) 2013, Nick Fitzgerald
```

```
----- Dependencies Summary
```

## Third-Party Notices

---

glob-to-regexp@0.4.1

----- License used by Dependencies  
BSD-2-Clause

Copyright (c) 2013, Nick Fitzgerald

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/russross/blackfriday/v2

----- Copyrights

> Copyright © 2011 Russ Ross

Copyright © 2011 Russ Ross <russ@russross.com>.

----- Dependencies Summary

github.com/russross/blackfriday/v2

----- License used by Dependencies

Blackfriday is distributed under the Simplified BSD License:

> Copyright © 2011 Russ Ross

> All rights reserved.

>

> Redistribution and use in source and binary forms, with or without  
> modification, are permitted provided that the following conditions  
> are met:

>

> 1. Redistributions of source code must retain the above copyright  
> notice, this list of conditions and the following disclaimer.

>

```

> 2. Redistributions in binary form must reproduce the above
> copyright notice, this list of conditions and the following
> disclaimer in the documentation and/or other materials provided with
> the distribution.
>
> THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
> "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
> LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
> FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
> COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
> INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
> BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
> LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
> CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
> LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
> ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
> POSSIBILITY OF SUCH DAMAGE.

```

```
----- Dependencies Grouped by License -----
```

```

----- Dependency
mdn-data@2.0.14
----- Copyrights
  (no copyright notices found)

```

```

----- Dependencies Summary
mdn-data@2.0.14

```

```

----- License used by Dependencies
CC0 1.0 Universal

```

#### Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation

## Third-Party Notices

---

of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of

action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

#### 4. Limitations and Disclaimers.

- a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.
- b. Affirmer offers the Work as-is and makes no representations or warranties

## Third-Party Notices

---

of any kind concerning the Work, express, implied, statutory or otherwise,  
including without limitation warranties of title, merchantability, fitness  
for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not  
discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons  
that may apply to the Work or any use thereof, including without limitation  
any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions  
or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this  
CC0 or use of the Work.

For more information, please see  
<<http://creativecommons.org/publicdomain/zero/1.0/>>

----- Dependencies Grouped by License -----

----- Dependency  
@xtuc/ieee754@1.2.0  
----- Copyrights  
Copyright (c) 2008, Fair Oaks Labs, Inc.  
BSD 3 Clause. Copyright (c) 2008, Fair Oaks Labs, Inc.

----- Dependencies Summary  
@xtuc/ieee754@1.2.0

----- License used by Dependencies  
Copyright (c) 2008, Fair Oaks Labs, Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Fair Oaks Labs, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

d3-transition@1.3.2

----- Copyrights

Copyright (c) 2010-2015, Michael Bostock

Copyright 2001 Robert Penner

<https://d3js.org/d3-transition/> v1.3.2 Copyright 2019 Mike Bostock

----- Dependencies Summary

d3-transition@1.3.2

----- License used by Dependencies

Copyright (c) 2010-2015, Michael Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* The name Michael Bostock may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL MICHAEL BOSTOCK BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### TERMS OF USE - EASING EQUATIONS

Open source under the BSD License.

Copyright 2001 Robert Penner  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## ----- Dependencies Grouped by License -----

## ----- Dependency

d3-selection@1.4.2

## ----- Copyrights

Copyright (c) 2010-2018, Michael Bostock

<https://d3js.org/d3-selection/> v1.4.2 Copyright 2020 Mike Bostock

## ----- Dependencies Summary

d3-selection@1.4.2

## ----- License used by Dependencies

Copyright (c) 2010-2018, Michael Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The name Michael Bostock may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL MICHAEL BOSTOCK BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY

OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE,

EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## ----- Dependencies Grouped by License -----

## ----- Dependency

github.com/igm/sockjs-go/v3

## ----- Copyrights

Copyright (c) 2012-2020, sockjs-go authors

## Third-Party Notices

---

----- Dependencies Summary  
github.com/igm/sockjs-go/v3

----- License used by Dependencies  
Copyright (c) 2012-2020, sockjs-go authors  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----  
----- Dependency  
xorm.io/core  
----- Copyrights  
Copyright (c) 2013 - 2015 Lunny Xiao <xiaolunwen@gmail.com>  
Copyright 2019 The Xorm Authors. All rights reserved.

----- Dependencies Summary  
xorm.io/core

----- License used by Dependencies  
Copyright (c) 2013 - 2015 Lunny Xiao <xiaolunwen@gmail.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the {organization} nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

xorm.io/xorm

----- Copyrights

Copyright (c) 2013 - 2015 The Xorm Authors

Copyright 2015 The Xorm Authors. All rights reserved.

Copyright 2017 The Xorm Authors. All rights reserved.

Copyright 2018 The Xorm Authors. All rights reserved.

Copyright 2019 The Xorm Authors. All rights reserved.

Copyright 2013 - 2016 The XORM Authors. All rights reserved.

Copyright 2016 The Xorm Authors. All rights reserved.

Copyright 2020 The Xorm Authors. All rights reserved.

----- Dependencies Summary

xorm.io/xorm

----- License used by Dependencies

Copyright (c) 2013 - 2015 The Xorm Authors

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

## Third-Party Notices

---

\* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.

\* Neither the name of the {organization} nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----  
----- Dependency  
github.com/gorilla/websocket  
----- Copyrights  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of

----- Dependencies Summary  
github.com/gorilla/websocket

----- License used by Dependencies  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice,  
 this list of conditions and the following disclaimer in the documentation  
 and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
duplexer3@0.1.4
----- Copyrights
Copyright (c) 2013, Deoxxa Development

----- Dependencies Summary
duplexer3@0.1.4

----- License used by Dependencies
Copyright (c) 2013, Deoxxa Development
=====
All rights reserved.
-----
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Deoxxa Development nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY DEOXXA DEVELOPMENT 'AS IS' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL DEOXXA DEVELOPMENT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

## Third-Party Notices

---

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
github.com/pmezard/go-difflib  
----- Copyrights  
Copyright (c) 2013, Patrick Mezard

----- Dependencies Summary  
github.com/pmezard/go-difflib

----- License used by Dependencies  
Copyright (c) 2013, Patrick Mezard  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  
The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
rw@1.3.3  
----- Copyrights  
Copyright (c) 2014-2016, Michael Bostock

----- Dependencies Summary

rw@1.3.3

----- License used by Dependencies  
Copyright (c) 2014-2016, Michael Bostock  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* The name Michael Bostock may not be used to endorse or promote products  
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE  
DISCLAIMED. IN NO EVENT SHALL MICHAEL BOSTOCK BE LIABLE FOR ANY DIRECT,  
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES  
(INCLUDING,  
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF  
USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY  
OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE,  
EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
github.com/pkg/errors  
----- Copyrights  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- Dependencies Summary  
github.com/pkg/errors

----- License used by Dependencies  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>  
All rights reserved.

Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

- list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

hyphenate-style-name@1.0.4

----- Copyrights

Copyright (c) 2015, Espen Hovlandsdal

----- Dependencies Summary

hyphenate-style-name@1.0.4

----- License used by Dependencies

Copyright (c) 2015, Espen Hovlandsdal

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

- list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

\* Neither the name of hyphenate-style-name nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

[github.com/grpc-ecosystem/grpc-gateway](https://github.com/grpc-ecosystem/grpc-gateway)

----- Copyrights

Copyright (c) 2015, Gengo, Inc.

Copyright 2010 The Go Authors. All rights reserved.

----- Dependencies Summary

[github.com/grpc-ecosystem/grpc-gateway](https://github.com/grpc-ecosystem/grpc-gateway)

----- License used by Dependencies

Copyright (c) 2015, Gengo, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Gengo, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
github.com/crewjam/saml

----- Copyrights  
Copyright (c) 2015, Ross Kinder

----- Dependencies Summary  
github.com/crewjam/saml

----- License used by Dependencies  
Copyright (c) 2015, Ross Kinder  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

xorm.io/builder

----- Copyrights

Copyright (c) 2016 The Xorm Authors

Copyright 2016 The Xorm Authors. All rights reserved.

Copyright 2018 The Xorm Authors. All rights reserved.

Copyright 2019 The Xorm Authors. All rights reserved.

Copyright 2016 The XORM Authors. All rights reserved.

----- Dependencies Summary

xorm.io/builder

----- License used by Dependencies

Copyright (c) 2016 The Xorm Authors

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the {organization} nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

## Third-Party Notices

---

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
@protobufjs/aspromise@1.1.2
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/base64@1.1.2
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/codegen@2.0.4
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/eventemitter@1.1.0
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/fetch@1.1.0
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/float@1.0.2
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/inquire@1.1.0
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/path@1.1.2
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/pool@1.1.0
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependency
@protobufjs/utf8@1.1.0
----- Copyrights
Copyright (c) 2016, Daniel Wirtz All rights reserved.

----- Dependencies Summary
@protobufjs/aspromise@1.1.2
```

```
@protobufjs/base64@1.1.2
@protobufjs/codegen@2.0.4
@protobufjs/eventemitter@1.1.0
@protobufjs/fetch@1.1.0
@protobufjs/float@1.0.2
@protobufjs/inquire@1.1.0
@protobufjs/path@1.1.2
@protobufjs/pool@1.1.0
@protobufjs/utf8@1.1.0
```

```
----- License used by Dependencies
Copyright (c) 2016, Daniel Wirtz All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of its author, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/mna/redis
----- Copyrights
Copyright (c) 2016, Martin Angers
Copyright 2001-2010 Georges Menie (www.menie.org)
Copyright 2010-2012 Salvatore Sanfilippo (adapted to Redis coding style)
Copyright 2015 https://github.com/chasex (adapted to Go, Apache 2.0
license)
```

```
----- Dependencies Summary
github.com/mna/redis
```

```
----- License used by Dependencies
Copyright (c) 2016, Martin Angers
All rights reserved.
```

## Third-Party Notices

---

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----  
----- Dependency  
github.com/getsentry/sentry-go  
----- Copyrights  
Copyright (c) 2019 Sentry (<https://sentry.io>) and individual contributors.

----- Dependencies Summary  
github.com/getsentry/sentry-go

----- License used by Dependencies  
Copyright (c) 2019 Sentry (<https://sentry.io>) and individual contributors.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
tslib@1.14.1
----- Copyrights
Copyright (c) Microsoft Corporation.
----- Notices
/*!
*****
***
Copyright (c) Microsoft Corporation.
```

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

```
*****
*** */
```

```
----- Dependencies Summary
tslib@1.14.1
```

```
----- License used by Dependencies
Copyright (c) Microsoft Corporation.
```

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM

## Third-Party Notices

---

LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

d3-format@1.4.5

----- Copyrights

Copyright 2010-2015 Mike Bostock

<https://d3js.org/d3-format/> v1.4.5 Copyright 2020 Mike Bostock

----- Dependency

d3-scale@2.2.2

----- Copyrights

Copyright 2010-2015 Mike Bostock

<https://d3js.org/d3-scale/> v2.2.2 Copyright 2019 Mike Bostock

----- Dependency

d3-shape@1.3.7

----- Copyrights

Copyright 2010-2015 Mike Bostock

<https://d3js.org/d3-shape/> v1.3.7 Copyright 2019 Mike Bostock

----- Dependencies Summary

d3-format@1.4.5

d3-scale@2.2.2

d3-shape@1.3.7

----- License used by Dependencies

Copyright 2010-2015 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

d3-array@1.2.4

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-array/> v1.2.4 Copyright 2018 Mike Bostock

----- Dependency

d3-axis@1.0.12

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-axis/> v1.0.12 Copyright 2018 Mike Bostock

----- Dependency

d3-brush@1.1.6

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-brush/> v1.1.6 Copyright 2020 Mike Bostock

----- Dependency

d3-chord@1.0.6

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-chord/> v1.0.6 Copyright 2018 Mike Bostock

----- Dependency

d3-color@1.4.1

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-color/> v1.4.1 Copyright 2020 Mike Bostock

----- Dependency

d3-dispatch@1.0.6

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-dispatch/> v1.0.6 Copyright 2019 Mike Bostock

----- Dependency

d3-drag@1.2.5

## Third-Party Notices

---

----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-drag/> v1.2.5 Copyright 2019 Mike Bostock

----- Dependency  
d3-force@1.2.1  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-force/> v1.2.1 Copyright 2019 Mike Bostock

----- Dependency  
d3-force@2.1.1  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-force/> v2.1.1 Copyright 2020 Mike Bostock

----- Dependency  
d3-hierarchy@1.1.9  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-hierarchy/> v1.1.9 Copyright 2019 Mike Bostock

----- Dependency  
d3-interpolate@1.4.0  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-interpolate/> v1.4.0 Copyright 2019 Mike Bostock

----- Dependency  
d3-polygon@1.0.6  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-polygon/> v1.0.6 Copyright 2019 Mike Bostock

----- Dependency  
d3-quadtree@1.0.7  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-quadtree/> v1.0.7 Copyright 2019 Mike Bostock

----- Dependency  
d3-random@1.1.2  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-random/> v1.1.2 Copyright 2018 Mike Bostock

----- Dependency  
d3-time@1.1.0  
----- Copyrights  
Copyright 2010-2016 Mike Bostock  
<https://d3js.org/d3-time/> v1.1.0 Copyright 2019 Mike Bostock

----- Dependency  
d3-timer@1.0.10  
----- Copyrights  
Copyright 2010-2016 Mike Bostock

---

<https://d3js.org/d3-timer/> v1.0.10 Copyright 2019 Mike Bostock

----- Dependency

d3-zoom@1.8.3

----- Copyrights

Copyright 2010-2016 Mike Bostock

<https://d3js.org/d3-zoom/> v1.8.3 Copyright 2019 Mike Bostock

----- Dependencies Summary

d3-array@1.2.4

d3-axis@1.0.12

d3-brush@1.1.6

d3-chord@1.0.6

d3-color@1.4.1

d3-dispatch@1.0.6

d3-drag@1.2.5

d3-force@1.2.1

d3-force@2.1.1

d3-hierarchy@1.1.9

d3-interpolate@1.4.0

d3-polygon@1.0.6

d3-quadtree@1.0.7

d3-random@1.1.2

d3-time@1.1.0

d3-timer@1.0.10

d3-zoom@1.8.3

----- License used by Dependencies

Copyright 2010-2016 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

d3-ease@1.0.7

----- Copyrights

Copyright 2010-2016 Mike Bostock

Copyright 2001 Robert Penner

<https://d3js.org/d3-ease/> v1.0.7 Copyright 2020 Mike Bostock

----- Dependencies Summary

d3-ease@1.0.7

----- License used by Dependencies

Copyright 2010-2016 Mike Bostock

Copyright 2001 Robert Penner

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

d3-collection@1.0.7

----- Copyrights

Copyright 2010-2016, Mike Bostock

<https://d3js.org/d3-collection/> v1.0.7 Copyright 2018 Mike Bostock

----- Dependencies Summary

d3-collection@1.0.7

----- License used by Dependencies

Copyright 2010-2016, Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

## Third-Party Notices

---

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### ----- Dependencies Grouped by License -----

#### ----- Dependency

d3-time-format@2.3.0

#### ----- Copyrights

Copyright 2010-2017 Mike Bostock

<https://d3js.org/d3-time-format/> v2.3.0 Copyright 2020 Mike Bostock

#### ----- Dependency

d3@5.15.0

#### ----- Copyrights

Copyright 2010-2017 Mike Bostock

<https://d3js.org> v5.15.0 Copyright 2019 Mike Bostock

#### ----- Dependencies Summary

d3-time-format@2.3.0

d3@5.15.0

#### ----- License used by Dependencies

Copyright 2010-2017 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
d3-scale-chromatic@1.5.0
----- Copyrights
Copyright 2010-2018 Mike Bostock
Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The Pennsylvania State
State
https://d3js.org/d3-scale-chromatic/ v1.5.0 Copyright 2019 Mike Bostock
```

```
----- Dependencies Summary
d3-scale-chromatic@1.5.0
```

```
----- License used by Dependencies
Copyright 2010-2018 Mike Bostock
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

## Third-Party Notices

---

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache-Style Software License for ColorBrewer software and ColorBrewer Color Schemes

Copyright (c) 2002 Cynthia Brewer, Mark Harrower, and The Pennsylvania State University.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency

uri-js@4.4.1

----- Copyrights

Copyright 2011 Gary Court. All rights reserved.

----- Dependencies Summary

uri-js@4.4.1

----- License used by Dependencies

Copyright 2011 Gary Court. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY GARY COURT "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL GARY COURT OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Gary Court.

----- Dependencies Grouped by License -----

----- Dependency

d3-contour@1.3.2

----- Copyrights

Copyright 2012-2017 Mike Bostock

<https://d3js.org/d3-contour/> v1.3.2 Copyright 2018 Mike Bostock

----- Dependencies Summary

d3-contour@1.3.2

----- License used by Dependencies

Copyright 2012-2017 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior

## Third-Party Notices

---

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

d3-dsv@1.2.0

----- Copyrights

Copyright 2013-2016 Mike Bostock

<https://d3js.org/d3-dsv/> v1.2.0 Copyright 2019 Mike Bostock

----- Dependencies Summary

d3-dsv@1.2.0

----- License used by Dependencies

Copyright 2013-2016 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/inconshreveable/log15

----- Copyrights

Copyright 2014 Alan Shreve

Copyright (c) 2014 Simon Eskildsen

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

----- Dependencies Summary

github.com/inconshreveable/log15

----- License used by Dependencies

Copyright 2014 Alan Shreve

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency

serialize-javascript@6.0.0

----- Copyrights

Copyright 2014 Yahoo! Inc.

Copyright (c) 2014, Yahoo! Inc. All rights reserved.

----- Dependencies Summary

serialize-javascript@6.0.0

## Third-Party Notices

---

----- License used by Dependencies  
Copyright 2014 Yahoo! Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Yahoo! Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL YAHOO! INC. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
github.com/jmespath/go-jmespath  
----- Copyrights  
Copyright 2015 James Saryerwinnie

----- Dependencies Summary  
github.com/jmespath/go-jmespath

----- License used by Dependencies  
Copyright 2015 James Saryerwinnie

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency

d3-path@1.0.9

----- Copyrights

Copyright 2015-2016 Mike Bostock

<https://d3js.org/d3-path/> v1.0.9 Copyright 2019 Mike Bostock

----- Dependencies Summary

d3-path@1.0.9

----- License used by Dependencies

Copyright 2015-2016 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to

endorse or promote products derived from this software without specific prior

written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

## Third-Party Notices

---

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/beevik/etree

----- Copyrights

Copyright 2015-2019 Brett Vickers. All rights reserved.

Copyright 2015-2019 Brett Vickers.

----- Dependencies Summary

github.com/beevik/etree

----- License used by Dependencies

Copyright 2015-2019 Brett Vickers. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDER ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

d3-fetch@1.2.0

----- Copyrights

Copyright 2016 Mike Bostock

<https://d3js.org/d3-fetch/> v1.2.0 Copyright 2020 Mike Bostock

----- Dependencies Summary

d3-fetch@1.2.0

----- License used by Dependencies

Copyright 2016 Mike Bostock

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

tti-polyfill@0.2.2

----- Copyrights

Copyright 2017 Google Inc. All rights reserved.

Copyright 2017 Google Inc. All Rights Reserved.

----- Dependencies Summary

tti-polyfill@0.2.2

----- License used by Dependencies

Copyright 2017 Google Inc. All rights reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

## Third-Party Notices

---

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency

react-beautiful-dnd@13.0.0

----- Copyrights

Copyright 2019 Atlassian Pty Ltd

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

----- Dependencies Summary

react-beautiful-dnd@13.0.0

----- License used by Dependencies

Copyright 2019 Atlassian Pty Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependencies Grouped by License -----

----- Dependency

update-notifier@2.5.0

----- Copyrights

Copyright Google

----- Dependencies Summary

update-notifier@2.5.0

----- License used by Dependencies

Copyright Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
eslint-scope@5.1.1
----- Copyrights
Copyright (C) 2012-2013 Yusuke Suzuki (twitter: @Constellation) and other
contributors.
Copyright (C) 2015 Yusuke Suzuki <utatane.tea@gmail.com>
Copyright (C) 2012-2014 Yusuke Suzuki <utatane.tea@gmail.com>
Copyright (C) 2013 Alex Seville <hi@alexanderseville.com>
Copyright (C) 2014 Thiago de Arruda <tpadilha84@gmail.com>
```

```
----- Dependencies Summary
eslint-scope@5.1.1
```

```
----- License used by Dependencies
Copyright JS Foundation and other contributors, https://js.foundation
Copyright (C) 2012-2013 Yusuke Suzuki (twitter: @Constellation) and other
contributors.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

## Third-Party Notices

---

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

configstore@3.1.5

----- Copyrights

Copyright Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

Copyright Google

----- Dependencies Summary

configstore@3.1.5

----- License used by Dependencies

Copyright Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

charenc@0.0.2

----- Copyrights

Copyright © 2011, Paul Vorbach. All rights reserved.

Copyright © 2009, Jeff Mott. All rights reserved.

----- Dependency

crypt@0.0.2

----- Copyrights

Copyright © 2011, Paul Vorbach. All rights reserved.

Copyright © 2009, Jeff Mott. All rights reserved.

----- Dependencies Summary

charenc@0.0.2  
crypt@0.0.2

----- License used by Dependencies  
Copyright © 2011, Paul Vorbach. All rights reserved.  
Copyright © 2009, Jeff Mott. All rights reserved.

All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this  
list of conditions and the following disclaimer in the documentation  
and/or  
other materials provided with the distribution.
- \* Neither the name Crypto-JS nor the names of its contributors may be used  
to  
endorse or promote products derived from this software without specific  
prior  
written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
IS"" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

md5@2.3.0

----- Copyrights

Copyright © 2011-2012, Paul Vorbach.

Copyright © 2009, Jeff Mott.

Copyright © 2011-2015, Paul Vorbach.

----- Dependencies Summary

md5@2.3.0

## Third-Party Notices

---

----- License used by Dependencies  
Copyright © 2011-2012, Paul Vorbach.  
Copyright © 2009, Jeff Mott.

All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this  
list of conditions and the following disclaimer in the documentation  
and/or  
other materials provided with the distribution.
- \* Neither the name Crypto-JS nor the names of its contributors may be used  
to  
endorse or promote products derived from this software without specific  
prior  
written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

find-root@1.1.0

----- Copyrights

Copyright © 2017 jsdxxx

----- Dependencies Summary

find-root@1.1.0

----- License used by Dependencies

Copyright © 2017 jsdxxx

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- Dependencies Grouped by License -----
----- Dependency
gonum.org/v1/gonum
----- Copyrights
Copyright ©2013 The Gonum Authors. All rights reserved.
Copyright (C) 2014 by Ignace Bogaert *
Copyright (c) 1984, 1987, 1989, 1992, 2000 Stephen L. Moshier
Copyright (c) 2006 Jeffrey A. Fike
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright (C) 2004, Makoto Matsumoto and Takuji Nishimura,
Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,
Copyright (c) 2015, The Chancellor, Masters and Scholars of the University
Copyright (c) 2012 The Probab Authors. All rights reserved.
Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.
Copyright ©2015 The Gonum Authors. All rights reserved.
Copyright ©2017 The Gonum Authors. All rights reserved.
Copyright ©2019 The Gonum Authors. All rights reserved.
Copyright ©2014 The Gonum Authors. All rights reserved.
Copyright ©2018 The Gonum Authors. All rights reserved.
var copyrightnotice = []byte(`// Copyright ©2014 The Gonum Authors. All
rights reserved.
Copyright ©2020 The Gonum Authors. All rights reserved.
Copyright ©2016 The Gonum Authors. All rights reserved.
Copyright (c) 2016-2018, The Cytoscape Consortium.
Copyright ©2017 Robin Eklind.
Copyright (C) 2013-2014, Alexis Jacomy, http://sigmaj.org
Copyright 2009 The Go Authors. All rights reserved.
Copyright (c) 2015, The Chancellor, Masters and Scholars of the University
Copyright 2010 The Go Authors. All rights reserved.
Copyright 1984, 1987, 1989, 1992, 2000 by Stephen L. Moshier
Copyright ©1985, ©1987 by Stephen L. Moshier
Portions Copyright ©2016 The Gonum Authors. All rights reserved.
Copyright ©1984, ©1987, ©1995 by Stephen L. Moshier
Portions Copyright ©2017 The Gonum Authors. All rights reserved.
Copyright 1984, 1995 by Stephen L. Moshier
Copyright 1984, 1996 by Stephen L. Moshier
Copyright ©2006 John Maddock
Portions Copyright ©2003 Boost
```

## Third-Party Notices

---

Copyright 1984, 1987, 1989 by Stephen L. Moshier  
Copyright ©1984, ©1987, ©1988 by Stephen L. Moshier  
Copyright ©1984, ©1996 by Stephen L. Moshier  
Copyright ©1984, ©1987 by Stephen L. Moshier  
Original C program copyright Takuji Nishimura and Makoto Matsumoto 2002.  
Original C program copyright Takuji Nishimura and Makoto Matsumoto 2004.  
Copyright 2017 The Go Authors. All rights reserved.

----- Dependencies Summary  
gonum.org/v1/gonum

----- License used by Dependencies  
Copyright ©2013 The Gonum Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Gonum project nor the names of its authors and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
github.com/hashicorp/yamux  
----- Copyrights  
(no copyright notices found)

----- Dependencies Summary  
github.com/hashicorp/yamux

----- License used by Dependencies  
Mozilla Public License, version 2.0

---

## 1. Definitions

### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

### 1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

### 1.3. "Contribution"

means Covered Software of a particular Contributor.

### 1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

### 1.5. "Incompatible With Secondary Licenses"

means

- a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
- b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

### 1.6. "Executable Form"

means any form of the work other than Source Code Form.

### 1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

### 1.8. "License"

means this document.

### 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether

at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

### 1.10. "Modifications"

means any of the following:

a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

b. any new file in Source Code Form that contains any Covered Software.

### 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

### 1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

### 1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- a. under intellectual property rights (other than patent or trademark)  
 Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or  
 as part of a Larger Work; and
- b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

## 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

## 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- a. for any code that a Contributor has removed from Covered Software; or
- b. for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

## 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if

permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under

this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You

fail to comply with any of its terms. However, if You become compliant,

then the rights granted under this License from a particular Contributor

are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by

some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of

the non-compliance by some reasonable means, this is the first time You have

received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to

You by any and all Contributors for the Covered Software under Section

2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user

license agreements (excluding distributors and resellers) which have been

validly granted by You or Your distributors under this License prior to

termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free

of defects, merchantable, fit for a particular purpose or non-infringing.

The entire risk as to the quality and performance of the Covered Software

is with You. Should any Covered Software prove defective in any respect,  
You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

#### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

#### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

## Exhibit B - ""Incompatible With Secondary Licenses"" Notice

This Source Code Form is ""Incompatible With Secondary Licenses"", as defined by the Mozilla Public License, v. 2.0.

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/hashicorp/go-plugin
----- Copyrights
  (no copyright notices found)

----- Dependencies Summary
github.com/hashicorp/go-plugin

----- License used by Dependencies
Mozilla Public License, version 2.0
```

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/hashicorp/go-version
----- Copyrights
  (no copyright notices found)

----- Dependencies Summary
github.com/hashicorp/go-version

----- License used by Dependencies
Mozilla Public License, version 2.0
```

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

```
----- Dependencies Grouped by License -----
----- Dependency
esrecurse@4.3.0
----- Copyrights
Copyright (C) 2014 [Yusuke Suzuki] (https://github.com/Constellation)
Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

----- Dependency
estraverse@4.3.0
----- Copyrights
Copyright (C) 2012-2016 [Yusuke Suzuki] (http://github.com/Constellation)
```

## Third-Party Notices

---

Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

----- Dependency

estraverse@5.3.0

----- Copyrights

Copyright (C) 2012-2016 [Yusuke Suzuki] (<http://github.com/Constellation>)

Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>

Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>

Copyright (C) 2014 Yusuke Suzuki <utatane.tea@gmail.com>

----- Dependencies Summary

esrecurse@4.3.0

estraverse@4.3.0

estraverse@5.3.0

----- License used by Dependencies

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

./pkg/macaron

----- Copyrights

Copyright 2014 The Macaron Authors

Copyright 2014 Martini Authors

Copyright 2020 The Macaron Authors

Copyright 2013 Martini Authors

Copyright 2015 The Macaron Authors

Copyright 2017 The Macaron Authors

----- Dependency

./pkg/macaron/binding

```
----- Copyrights
Copyright 2014 The Macaron Authors
Copyright 2014 Martini Authors

----- Dependency
@grafana/aws-sdk@0.0.3
----- Copyrights
Copyright (c) Microsoft Corporation.

----- Dependency
@webassemblyjs/leb128@1.11.1
----- Copyrights
Copyright 2012 The Obvious Corporation.

----- Dependency
@xtuc/long@4.2.2
----- Copyrights
  (no copyright notices found)

----- Dependency
cloud.google.com/go
----- Copyrights
Copyright 2021 Google LLC
Copyright 2019 Google LLC
Copyright 2020 Google LLC
Copyright 2016 Google LLC
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.
Copyright (c) 2001 David E. O'Brien
Portions Copyright 2018 Google LLC.
Copyright 2018 Google LLC
Copyright 2014 Google LLC
Copyright 2017 Google LLC
Copyright 2018 Google Inc. All Rights Reserved.
Copyright 2020, Google LLC
Copyright (c) 2020 The Go Authors. All rights reserved.
Copyright 2020 The Go Authors. All rights reserved.
Copyright 2017 The Go Authors. All rights reserved.
Copyright 2017, Google LLC

----- Dependency
cloud.google.com/go/storage
----- Copyrights
Copyright 2014 Google LLC
Copyright 2017 Google LLC
Copyright 2019 Google LLC
Copyright 2016 Google LLC
Copyright 2018 Google LLC
Copyright 2020 Google LLC

----- Dependency
diff-match-patch@1.0.5
----- Copyrights
Copyright 2018 The diff-match-patch Authors.

----- Dependency
fast-text-encoding@1.0.3
```

## Third-Party Notices

---

----- Copyrights  
Copyright 2017 Sam Thorogood. All rights reserved.

----- Dependency  
github.com/FZambia/sentinel

----- Copyrights  
(no copyright notices found)

----- Dependency  
github.com/apache/thrift

----- Copyrights  
Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>  
Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.  
Copyright (c) 2006-2008 Alexander Chemeris  
Copyright 2012 Twitter, Inc  
Copyright (c) 2008- Patrick Collison <patrick@collison.ie>  
Copyright (c) 2006- Facebook  
Copyright (C) 2006 - 2019, The Apache Software Foundation  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright (c) <2006> <Martin J. Logan, Erlware>

----- Notices  
Apache Thrift  
Copyright (C) 2006 - 2019, The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- Dependency  
github.com/aws/aws-sdk-go

----- Copyrights  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Portions Licensed under the MIT License. Copyright (c) 2016 Carl Jackson

----- Notices  
AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

----- Dependency  
github.com/bradfitz/gomemcache

----- Copyrights  
Copyright 2011 Google Inc.  
Copyright 2014 Google Inc.

----- Dependency  
github.com/cortexproject/cortex

----- Copyrights  
Copyright 2014 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2013 The Prometheus Authors

---

Copyright 2017 The Prometheus Authors  
Copyright 2018 Weaveworks. All rights reserved.

----- Dependency  
github.com/deepmap/oapi-codegen  
----- Copyrights  
Copyright 2019 DeepMap, Inc.

----- Dependency  
github.com/go-macaron/gzip  
----- Copyrights  
Copyright 2013 Martini Authors  
Copyright 2015 The Macaron Authors

----- Dependency  
github.com/go-macaron/inject  
----- Copyrights  
Copyright 2013 Jeremy Saenz  
Copyright 2015 The Macaron Authors

----- Dependency  
github.com/gogo/googleapis  
----- Copyrights  
Copyright 2015, Google Inc  
Copyright 2018, GoGo Authors  
Copyright (c) 2018, The GoGo Authors.

----- Dependency  
github.com/gogo/status  
----- Copyrights  
Copyright 2017 gRPC authors.

----- Dependency  
github.com/golang-sql/civil  
----- Copyrights  
Copyright 2016 Google LLC

----- Dependency  
github.com/golang/groupcache  
----- Copyrights  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- Dependency  
github.com/golang/mock  
----- Copyrights  
Copyright 2010 Google Inc.  
Copyright 2020 Google Inc.  
Copyright 2011 Google Inc.  
Copyright 2020 Google LLC  
Copyright 2012 Google Inc.  
Copyright 2019 Google LLC

----- Dependency  
github.com/gomodule/redigo  
----- Copyrights

## Third-Party Notices

---

Copyright 2014 Gary Burd  
Copyright 2012 Gary Burd  
Copyright 2018 Gary Burd  
Copyright 2011 Gary Burd  
Copyright 2017 Gary Burd  
Copyright 2013 Gary Burd

----- Dependency  
github.com/google/flatbuffers  
----- Copyrights  
Copyright 2014 Google Inc.  
Copyright 2012, the Dart project authors. All rights reserved.  
Copyright 2015 Google Inc. All rights reserved.  
Copyright 2014 Google Inc. All rights reserved.

----- Dependency  
github.com/grafana/grafana-aws-sdk  
----- Copyrights  
(no copyright notices found)

----- Dependency  
github.com/grafana/grafana-plugin-model  
----- Copyrights  
(no copyright notices found)

----- Dependency  
github.com/grafana/grafana-plugin-sdk-go  
----- Copyrights  
Copyright 2020 Grafana Labs

----- Dependency  
github.com/grafana/loki  
----- Copyrights  
Copyright(c) 2018- Grafana Labs  
Copyright 2010 The Go Authors. All rights reserved.

----- Dependency  
github.com/grpc-ecosystem/go-grpc-middleware  
----- Copyrights  
Copyright 2016 Michal Witkowski. All Rights Reserved.  
Copyright 2017 Michal Witkowski. All Rights Reserved.  
Copyright (c) Improbable Worlds Ltd, All Rights Reserved  
Copyright 2017 David Ackroyd. All Rights Reserved.

----- Dependency  
github.com/grpc-ecosystem/go-grpc-prometheus  
----- Copyrights  
Copyright 2016 Michal Witkowski. All Rights Reserved.

----- Dependency  
github.com/jaegertracing/jaeger  
----- Copyrights  
Copyright 2015-2019 The Jaeger Project Authors  
Copyright (c) 2019 The Jaeger Authors.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 The Jaeger Authors.

---

Copyright (c) 2020 The Jaeger Authors.  
Copyright (c) 2018-2019 The Jaeger Authors.  
Copyright (c) 2017 The Jaeger Authors.  
Copyright (c) 2021 The Jaeger Authors.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2019,2020 The Jaeger Authors.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2017-2018 Uber Technologies, Inc.  
Copyright (c) 2019 The Jaeger Authors  
----- Notices  
Jaeger, Distributed Tracing Platform.

Copyright 2015-2019 The Jaeger Project Authors

Licensed under Apache License 2.0. See LICENSE for terms.

Includes software developed at Uber Technologies, Inc.  
(<https://eng.uber.com/>).

----- Dependency  
github.com/jonboulle/clockwork  
----- Copyrights  
(no copyright notices found)

----- Dependency  
github.com/linkedin/goavro/v2  
----- Copyrights  
Copyright 2017 LinkedIn Corp. Licensed under the Apache License,  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright [2019] LinkedIn Corp. Licensed under the Apache License, Version

----- Dependency  
github.com/mattermost/xml-roundtrip-validator  
----- Copyrights  
(no copyright notices found)

----- Dependency  
github.com/matttproud/golang\_protobuf\_extensions  
----- Copyrights  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud  
----- Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- Dependency  
github.com/modern-go/concurrent  
----- Copyrights  
(no copyright notices found)

----- Dependency  
github.com/modern-go/reflect2  
----- Copyrights  
(no copyright notices found)

## Third-Party Notices

---

```
----- Dependency
github.com/mwitkow/go-contrack
----- Copyrights
Copyright 2016 Michal Witkowski. All Rights Reserved.

----- Dependency
github.com/oklog/run
----- Copyrights
  (no copyright notices found)

----- Dependency
github.com/oklog/ulid
----- Copyrights
Copyright 2016 The Oklog Authors

----- Dependency
github.com/opentracing-contrib/go-grpc
----- Copyrights
  (no copyright notices found)

----- Dependency
github.com/opentracing-contrib/go-stdlib
----- Copyrights
  (no copyright notices found)

----- Dependency
github.com/opentracing/opentracing-go
----- Copyrights
Copyright 2016 The OpenTracing Authors

----- Dependency
github.com/prometheus/client_golang
----- Copyrights
Copyright 2018 The Prometheus Authors
Copyright 2012-2015 The Prometheus Authors
Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein
Copyright 2010 The Go Authors
Copyright 2013 Matt T. Proud
Copyright 2015 The Prometheus Authors
Copyright 2017 The Prometheus Authors
Copyright 2019 The Prometheus Authors
Copyright 2014 The Prometheus Authors
Copyright 2016 The Prometheus Authors
Copyright 2020 The Prometheus Authors
Copyright (c) 2013, The Prometheus Authors
----- Notices
Prometheus instrumentation library for Go applications
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at
SoundCloud Ltd. (http://soundcloud.com/).
```

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Björn Rabenstein

Copyright (C) 2013 Blake Mizerany

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors

Copyright 2010 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

Copyright 2013 Matt T. Proud

Licensed under the Apache License, Version 2.0

----- Dependency

[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

----- Copyrights

Copyright 2013 Prometheus Team

Copyright 2012-2015 The Prometheus Authors

----- Notices

Data model artifacts for Prometheus.

Copyright 2012-2015 The Prometheus Authors

This product includes software developed at

SoundCloud Ltd. (<http://soundcloud.com/>).

----- Dependency

[github.com/prometheus/common](https://github.com/prometheus/common)

----- Copyrights

Copyright 2018 The Prometheus Authors

Copyright 2015 The Prometheus Authors

Copyright 2016 The Prometheus Authors

Copyright 2014 The Prometheus Authors

Copyright 2020 The Prometheus Authors

Copyright (c) 2011, Open Knowledge Foundation Ltd.

Copyright 2013 The Prometheus Authors

Copyright 2019 The Prometheus Authors

Copyright 2017 The Prometheus Authors

----- Notices

Common libraries shared by Prometheus Go components.

Copyright 2015 The Prometheus Authors

This product includes software developed at

SoundCloud Ltd. (<http://soundcloud.com/>).

----- Dependency

[github.com/prometheus/node\\_exporter](https://github.com/prometheus/node_exporter)

----- Copyrights

Copyright 2015 The Prometheus Authors

Copyright 2018 The Prometheus Authors

Copyright 2013-2015 The Prometheus Authors

Copyright 2016-2017 Matt Layher

Copyright 2017 The Prometheus Authors

Copyright 2019 The Prometheus Authors

Copyright 2016 The Prometheus Authors

Copyright 2017-2019 The Prometheus Authors

----- Notices

Configurable modular Prometheus exporter for various node metrics.

Copyright 2013-2015 The Prometheus Authors

---

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

wifi  
<https://github.com/mdlayher/wifi>  
Copyright 2016-2017 Matt Layher  
Licensed under the MIT License

netlink  
<https://github.com/mdlayher/netlink>  
Copyright 2016-2017 Matt Layher  
Licensed under the MIT License

----- Dependency  
[github.com/prometheus/procfs](https://github.com/prometheus/procfs)  
----- Copyrights  
Copyright 2018 The Prometheus Authors  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2014 Prometheus Team  
Copyright 2017 Prometheus Team  
----- Notices  
procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- Dependency  
[github.com/prometheus/prometheus](https://github.com/prometheus/prometheus)  
----- Copyrights  
Copyright 2018 The Prometheus Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2012 Matt York  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright (c) 2013, The GoGo Authors.  
Copyright 2013 Google Inc.  
Copyright 2013 Matt T. Proud  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2012 Suryandaru Triandana  
Copyright 2011 The Snappy-Go Authors

## Third-Party Notices

---

Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright (c) 2015,2016 Damian Gryski <damian@gryski.com>  
Copyright 2015 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright (c) 2014 The strutil Authors. All rights reserved.  
Copyright 2016 The etcd Authors  
Copyright 2015 The etcd Authors  
Copyright (c) 2014 Ben Johnson

----- Notices

The Prometheus systems and service monitoring server  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<https://soundcloud.com/>).

The following components are included in this product:

Bootstrap  
<https://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap3-typeahead.js  
<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

fuzzy  
<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

bootstrap-datetimepicker.js  
<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

moment.js  
<https://github.com/moment/moment/>  
Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw  
<https://github.com/shutterstock/rickshaw>  
Copyright 2011-2014 by Shutterstock Images, LLC

Permission is hereby granted, free of charge, to any person obtaining a  
copy of this software and associated documentation files (the

""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

mustache.js  
<https://github.com/janl/mustache.js>  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Licensed under the MIT License

jQuery  
<https://jquery.org>  
Copyright jQuery Foundation and other contributors  
Licensed under the MIT License

Protocol Buffers for Go with Gadgets  
<https://github.com/gogo/protobuf/>  
Copyright (c) 2013, The GoGo Authors.

Copyright (c) 2013, The GoGo Authors. All rights reserved.

Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

Copyright 2010 The Go Authors. All rights reserved.  
<https://github.com/golang/protobuf>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Go support for leveled logs, analogous to  
<https://code.google.com/p/google-glog/>  
Copyright 2013 Google Inc.  
Licensed under the Apache License, Version 2.0

Support for streaming Protocol Buffer messages for the Go language (golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

DNS library in Go  
<https://miek.nl/2014/august/16/go-dns-package/>  
Copyright 2009 The Go Authors, 2011 Miek Gieben

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

As this is fork of the official Go code the same license applies.  
Extensions of the original work are copyright (c) 2011 Miek Gieben

LevelDB key/value database in Go  
<https://github.com/syndtr/goleveldb>  
Copyright 2012 Suryandaru Triandana

Copyright 2012 Suryandaru Triandana <syndtr@gmail.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

gosnappy - a fork of [code.google.com/p/snappy-go](http://code.google.com/p/snappy-go)  
<https://github.com/syndtr/gosnappy>  
Copyright 2011 The Snappy-Go Authors

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

## Third-Party Notices

---

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

go-zookeeper - Native ZooKeeper client for Go  
<https://github.com/samuel/go-zookeeper>  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>

Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Time series compression algorithm from Facebook's Gorilla paper  
<https://github.com/dgryski/go-tsz>  
Copyright (c) 2015,2016 Damian Gryski <damian@gryski.com>

Copyright (c) 2015,2016 Damian Gryski <damian@gryski.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

We also use code from a large number of npm packages. For details, see:

- <https://github.com/prometheus/prometheus/blob/master/web/ui/react-app/package.json>
- <https://github.com/prometheus/prometheus/blob/master/web/ui/react-app/package-lock.json>
- The individual package licenses as copied from the node\_modules directory can be found in the npm\_licenses.tar.bz2 archive in release tarballs and Docker images.

```
----- Dependency
github.com/rainycape/unidecode
----- Copyrights
Copyright 2014 Rainy Cape S.L. <hello@rainycape.com>
```

```
----- Dependency
github.com/russellhaering/goxmlsig
----- Copyrights
(no copyright notices found)
```

```
----- Dependency
github.com/sercand/kuberresolver
----- Copyrights
Copyright 2017 Sercan Degirmenci
```

```
----- Dependency
github.com/sergi/go-diff
----- Copyrights
Copyright (c) 2012-2016 The go-diff Authors. All rights reserved.
> Copyright (c) 2006 Google Inc.
> Copyright (c) 2012-2016 The go-diff authors. All rights reserved.
Copyright (c) 2012-2016 The go-diff authors. All rights reserved.
Original library is Copyright (c) 2006 Google Inc.
```

## Third-Party Notices

---

```
----- Dependency
github.com/uber/jaeger-client-go
----- Copyrights
Copyright (c) 2017 Uber Technologies, Inc.
Copyright (c) 2017-2018 Uber Technologies, Inc.
Copyright (c) 2018 The Jaeger Authors.
Copyright (c) 2019 The Jaeger Authors.
Copyright (c) 2020 The Jaeger Authors.
Copyright (c) 2019 Uber Technologies, Inc.
Copyright (c) 2017 The OpenTracing Authors
Copyright (c) 2016 Bas van Beek
Copyright (c) 2016 Uber Technologies, Inc.
Copyright (c) 2019 The Jaeger Authors
```

```
----- Dependency
github.com/uber/jaeger-lib
----- Copyrights
Copyright (c) 2017 Uber Technologies, Inc.
Copyright (c) 2019 The Jaeger Authors.
Copyright (c) 2018 Uber Technologies, Inc.
Copyright (c) 2020 The Jaeger Authors.
Copyright (c) 2018 The Jaeger Authors
Copyright (c) 2017 The Jaeger Authors.
```

```
----- Dependency
github.com/unknwon/com
----- Copyrights
Copyright 2013 com authors
Copyright 2014 com authors
Copyright 2015 com authors
```

```
----- Dependency
github.com/weaveworks/promrus
----- Copyrights
    (no copyright notices found)
```

```
----- Dependency
go.opencensus.io
----- Copyrights
Copyright 2019, OpenCensus Authors
Copyright 2017, OpenCensus Authors
Copyright 2018, OpenCensus Authors
Copyright 2020, OpenCensus Authors
```

```
----- Dependency
go.opentelemetry.io/collector
----- Copyrights
Copyright The OpenTelemetry Authors
Copyright The OpenTelemetry Authors
Copyright 2020 The OpenTelemetry Authors
Copyright (c) 2017 Uber Technologies, Inc.
```

```
----- Dependency
google.golang.org/genproto
----- Copyrights
```

---

Copyright 2020 Google LLC.  
Copyright 2020 Google LLC  
Copyright 2019 Google LLC.  
Copyright (c) 2015, Google Inc.  
Copyright 2016 Google Inc.  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2021 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC

----- Dependency  
google.golang.org/grpc  
----- Copyrights  
Copyright 2019 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2020 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2018 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2014 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2019 Istio Authors. All Rights Reserved.  
Copyright 2016 The gRPC Authors  
Copyright 2015-2016 gRPC authors.

----- Dependency  
gopkg.in/ini.v1  
----- Copyrights  
Copyright 2014 Unknwon  
Copyright 2017 Unknwon  
Copyright 2019 Unknwon  
Copyright 2016 Unknwon  
Copyright 2015 Unknwon

----- Dependency  
gopkg.in/square/go-jose.v2  
----- Copyrights  
Copyright 2014 Square Inc.  
Copyright 2018 Square Inc.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2017 Square Inc.  
Copyright 2016 Zbigniew Mandziejewicz  
Copyright 2016 Square, Inc.

----- Dependency  
gopkg.in/yaml.v2  
----- Copyrights  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

## Third-Party Notices

---

----- Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- Dependency  
grafana@7.5.14  
----- Copyrights  
Copyright 2015 Grafana Labs  
Copyright 2014-2018 Grafana Labs  
Copyright 2012-2013 Elasticsearch BV  
Copyright 2014-2021 Grafana Labs  
Copyright (c) 2013 TOML authors  
Copyright (c) 2020 SolarWinds  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015-2019 Brett Vickers. All rights reserved.  
Copyright (c) 2014 Ben Johnson  
Copyright (c) 2020 Centrifugal  
Copyright (c) 2015, Ross Kinder  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2015, Facebook, Inc. All rights reserved.  
Copyright (c) 2013-present, Facebook, Inc.  
Copyright (c) 2013 Fatih Arslan  
Copyright (c) 2016 Gustavo Chaïn  
Copyright (c) 2019 Sentry (<https://sentry.io>) and individual contributors.  
Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.  
Copyright (c) 2014 Chris Hines  
Copyright (c) 2016 Sergey Kamardin  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
11 of the WIPO copyright treaty adopted on 20 December 1996, or  
Copyright (c) 2017 HashiCorp  
Copyright (c) 2020-2021 Influxdata, Inc.  
Copyright 2015-2019 The Jaeger Project Authors  
Copyright 2015 James Saryerwinnie  
Copyright (c) 2016 json-iterator  
Copyright (c) 2017 Kurt Jung and contributors acknowledged in the  
documentation  
Copyright (c) 2011-2013, 'pq' Contributors  
Portions Copyright (C) 2011 Blake Mizerany  
Copyright (c) 2014 Yasuhiro Matsumoto

Copyright (c) 2012-2019 Patrick Mylund Nielsen and the go-cache contributors  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2013 Matt T. Proud  
Copyright 2015 The Prometheus Authors  
Copyright (C) 2012 Rob Figueiredo  
Copyright (c) 2016 SmartyStreets, LLC  
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.  
Copyright (c) 2019, Timber Technologies, Inc.  
Copyright (c) 2016 Jeremy Saenz & Contributors  
Copyright 2016 Weaveworks Ltd.  
Copyright © 2019, Vasiliy Vasilyuk <xorcare@gmail.com>  
Copyright (c) 2015 Iwasaki Yudai  
Copyright (c) 2012 Sergi Mansilla <sergi.mansilla@gmail.com>  
Copyright (C) 2013 Jeremy Saenz  
Copyright (c) 2013-2014 Onsi Fakhouri  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright ©2013 The Gonum Authors. All rights reserved.  
Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright 2014 gRPC authors.  
Copyright (c) 2014 Alexandre Cesaro  
Copyright (c) 2011-2015 Michael Mitton (mmitton@gmail.com)  
Portions copyright (c) 2015-2016 go-asn1-ber Authors  
Portions copyright (c) 2015-2016 go-ldap Authors  
Copyright (c) 2013 The github.com/go-redis/redis Authors.  
Copyright (c) 2013 - 2015 Lunny Xiao <xiaolunwen@gmail.com>  
Copyright (c) 2013 - 2015 The Xorm Authors  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2019 The Jaeger Authors.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2017 The Jaeger Authors.  
Copyright 2014 The Macaron Authors  
Copyright 2012 Stefan Petre  
Copyright 2013 Joris de Wit  
Copyright 2013 Twitter, Inc.  
Copyright (c) 2007-2014 IOLA and Ole Laursen.  
Copyright (c) 2007-2013 IOLA and Ole Laursen.  
Copyright (c) 2015 @toyoty99.  
Copyright (c) 2018 Alexander Emelin  
Copyright (c) 2017 VividCortex  
Copyright 2013 Sharvil Nanavati  
Copyright (c) 2006-2010, Salvatore Sanfilippo <antirez at gmail dot com>  
Copyright (c) 2013 The Chromium Authors. All rights reserved.  
Copyright: 2013 Daniel Lemire  
Copyright 2015 The TensorFlow Authors. All Rights Reserved.  
Copyright (c) 2005-2017, NumPy Developers.  
Copyright 2014 Google Inc.  
Copyright 2015 Microsoft Corporation. All rights reserved.  
Copyright (C) 2002-2017 Jason Evans <jasone@canonical.com>.  
Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.  
Copyright (C) 2009-2017 Facebook, Inc. All rights reserved.  
Copyright 2016 Cloudera Inc.

## Third-Party Notices

---

Copyright (c) 2016 Giles Hall  
Copyright (c) 2017, Jeroen Ooms and Jim Hester  
Copyright (c) 2016 Ray Project (<https://github.com/ray-project/ray>)  
Copyright (c) 2015, 2016, 2017 Howard Hinnant  
Copyright (c) 2016 Adrian Colomitchi  
Copyright (c) 2017 Florian Dang  
Copyright (c) 2017 Paul Thompson  
Copyright (c) 2018 Tomasz Kaminski  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2012-2014, Yann Collet  
Copyright 2006-2011, the V8 project authors. All rights reserved.  
Copyright (C) 2007, Weijia Song <songweijia@gmail.com>  
Copyright (C) 2007, Sebastian Pipping <sebastian@pipping.org>  
Copyright (c) 2015-2018, conda-forge  
Copyright 2006 Nemanja Trifunovic  
Copyright: 2016 The Apache Software Foundation.  
Copyright: 2012 Cloudera, Inc.  
Copyright: 2009 Google Inc. All rights reserved.  
Copyright: 2016 manylinux  
Copyright (c) 2019 Omer Ozarslan  
Copyright 2019 RStudio, Inc.  
Copyright: Copyright 2000-2019 Kitware, Inc. and Contributors  
Copyright (c) 2009 - 2013 by the mingw-w64 project  
Copyright (c) Copyright 2017 Asylo authors  
Copyright 2008 Google Inc. All rights reserved.  
Copyright (c) 2003-2018 University of Illinois at Urbana-Champaign.  
Copyright (C) 2006 - 2019, The Apache Software Foundation  
Copyright 2013-2019 The Apache Software Foundation  
(c) Copyright [2014-2015] Hewlett-Packard Development Company, L.P  
Copyright (c) 2016-present, Facebook, Inc. All rights reserved.  
Copyright (c) 2011-2016, Yann Collet  
Copyright (c) 2009, 2010, 2013-2016 by the Brotli Authors.  
Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip.  
Copyright (c) 2006-2013 Alexander Chemeris  
Copyright (c) 2002 JSON.org  
Copyright 2011, Google Inc.  
fireworks.jpeg is Copyright 2013 Steinar H. Gunderson, and  
Copyright (c) 2006, Google Inc.  
Copyright (c) 2008, Google Inc.  
Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi> and contributors  
Copyright (c) 2009 The RE2 Authors. All rights reserved.  
Copyright (c) 2007 - 2018, Daniel Stenberg with many contributors, see  
AUTHORS  
Copyright 1998 by the Massachusetts Institute of Technology.  
Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler  
Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright: Copyright (c) 2013 - 2019, øøøøøø and Jeroen Ooms.  
Copyright (c) 2011-2012, Lambda Foundry, Inc. and PyData Development Team  
Copyright (c) 2008-2011 AQR Capital Management, LLC  
Copyright (C) 2011-12, Dynamic NDArray Developers  
Copyright (c) 2019, Jeroen Ooms  
Copyright (c) 2009-present, Homebrew contributors  
Copyright (C) 2004-2017 RenÈ Nyffenegger  
Copyright © 2005-2020 Rich Felker, et al.  
Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>

Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.  
Copyright (c) 2006-2008 Alexander Chemeris  
Copyright 2012 Twitter, Inc  
Copyright (c) 2008- Patrick Collison <patrick@collison.ie>  
Copyright (c) 2006- Facebook  
Copyright (C) 2013 Blake Mizerany  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>  
Copyright (c) 2016 Caleb Spare  
Copyright (c) 2014 cheekybits  
Copyright (c) 2014 Brian Goff  
Copyright (c) 2005-2008 Dustin Sallings <dustin@spy.net>  
Copyright (c) 2011, Evan Shaw <edsrzf@gmail.com>  
Copyright (c) 2016 Felix Geisend<sup>^</sup>rfer (felix@debuggable.com)  
Copyright (c) 2015 Peter Bourgon  
Copyright (c) 2015 go-logfmt  
Copyright 2015, Google Inc  
Copyright 2018, GoGo Authors  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2016, Google Inc.  
Copyright (c) 2013 Richard Musiol. All rights reserved.  
Copyright (c) 2012-2018 The Gorilla Authors. All rights reserved.  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2020 Grafana Labs  
Copyright (c) 2015, Gengo, Inc.  
Copyright (c) 2012-2020, sockjs-go authors  
Copyright 2014 Alan Shreve  
Copyright (c) 2020 Influxdata, Inc.  
Copyright (c) 2013-2018 InfluxData Inc.  
Copyright (c) 2017 Jaime Pillora  
Copyright (c) 2012 Joel Stemmer  
Copyright (c) 2013, Space Monkey, Inc.  
Copyright (c) 2019 Klaus Post. All rights reserved.  
Copyright (c) 2017 marvin + konsorten GmbH (open-source@konsorten.de)  
Copyright (c) 2018 marvin + konsorten GmbH (open-source@konsorten.de)  
Copyright 2017 LinkedIn Corp. Licensed under the Apache License,  
Copyright 2017 the Mage authors  
Copyright (c) 2016 Matt Aimonetti  
Copyright (c) 2016 Yasuhiro Matsumoto  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright (c) 2016 Mitchell Hashimoto  
Copyright (c) 2016, Martin Angers  
Copyright (C) 2014 by Oleku Konko  
Copyright 2016 The OpenTracing Authors  
Copyright (c) 2012-2017 Patrick Mylund Nielsen and the go-cache contributors  
Copyright (c) 2013, Patrick Mezard  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013-2015 The Prometheus Authors  
Copyright 2016-2017 Matt Layher  
Copyright 2018 The Prometheus Authors  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2012 Matt York

## Third-Party Notices

---

Copyright 2015 Jonathan Peterson (@Eonasdan)  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright (c) 2013, The GoGo Authors.  
Copyright 2013 Google Inc.  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2012 Suryandaru Triandana  
Copyright 2011 The Snappy-Go Authors  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright (c) 2015,2016 Damian Gryski <damian@gryski.com>  
Copyright 2014 Rainy Cape S.L. <hello@rainycape.com>  
> Copyright © 2011 Russ Ross  
Copyright 2017 Sercan Degirmenci  
Copyright (c) 2012-2016 The go-diff Authors. All rights reserved.  
Copyright (c) 2015 Dmitri Shuralyov  
Copyright (c) 2014 Simon Eskildsen  
Copyright (c) 2015 The Chromium Authors. All rights reserved.  
Copyright (c) 2014 Stretchr, Inc.  
Copyright (c) 2017-2018 objx contributors  
Copyright (c) 2016. Oleg Sklyar and teris.io. MIT license applies. All rights reserved.  
[Original algorithm][nodeshortid]\*\* Copyright (c) 2015 Dylan Greene, contributors. The same MIT  
Seed computation:\*\* based on The Central Randomizer 1.3. Copyright (c) 1997 Paul Houle (houle@msc.cornell.edu)  
Copyright 2009 Google Inc.  
Copyright (c) 2013 Yihuan Zhou  
Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Copyright 2014-2016 Weaveworks Ltd.  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2014 Unknwon  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.  
copyright staring in 2011 when the project was ported over:  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright (c) 2016 The Xorm Authors  
----- Notices  
Copyright 2014-2018 Grafana Labs

This software is based on Kibana:  
Copyright 2012-2013 Elasticsearch BV

----- Dependency  
keycharm@0.2.0  
----- Copyrights  
Copyright (c) 2014 Almende B.V.

```
----- Dependency
long@4.0.0
----- Copyrights
  (no copyright notices found)

----- Dependency
mousetrap-global-bind@1.1.0
----- Copyrights
  (no copyright notices found)

----- Dependency
mousetrap@1.6.5
----- Copyrights
Copyright 2012-2017 Craig Campbell

----- Dependency
react-reverse-portal@2.1.0
----- Copyrights
  (no copyright notices found)

----- Dependency
rxjs@6.6.3
----- Copyrights
Copyright (c) 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and
contributors

----- Dependency
visjs-network@4.25.0
----- Copyrights
Copyright (c) 2014-2017 Almende B.V.
Copyright (c) 2018 Contributors
Copyright (C) 2010-2018 Almende B.V. and Contributors
Copyright (C) 2011-2017 Almende B.V, http://almende.com
copyright: '© 2018 Denis Pushkarev (zloirock.ru)'
Copyright (c) 2011 Andrei Mackenzie
Copyright (c) 2010-2012 Robert Kieffer
Copyright (c) 2016 Jorik Tangelder;
Copyright (c) 2015 Marco Ziccardi
Copyright 2011-2014 Twitter, Inc.
Copyright 2014 Twitter, Inc.
Copyright (c) 2009 Bartek Szopka
Copyright (c) 2015 Tipue

----- Dependencies Summary
./pkg/macaron
./pkg/macaron/binding
@grafana/aws-sdk@0.0.3
@webassemblyjs/leb128@1.11.1
@xtuc/long@4.2.2
cloud.google.com/go
cloud.google.com/go/storage
diff-match-patch@1.0.5
fast-text-encoding@1.0.3
github.com/FZambia/sentinel
github.com/apache/thrift
```

## Third-Party Notices

---

github.com/aws/aws-sdk-go  
github.com/bradfitz/gomemcache  
github.com/cortexproject/cortex  
github.com/deepmap/oapi-codegen  
github.com/go-macaron/gzip  
github.com/go-macaron/inject  
github.com/gogo/googleapis  
github.com/gogo/status  
github.com/golang-sql/civil  
github.com/golang/groupcache  
github.com/golang/mock  
github.com/gomodule/redigo  
github.com/google/flatbuffers  
github.com/grafana/grafana-aws-sdk  
github.com/grafana/grafana-plugin-model  
github.com/grafana/grafana-plugin-sdk-go  
github.com/grafana/loki  
github.com/grpc-ecosystem/go-grpc-middleware  
github.com/grpc-ecosystem/go-grpc-prometheus  
github.com/jaegertracing/jaeger  
github.com/jonboulle/clockwork  
github.com/linkedin/goavro/v2  
github.com/mattermost/xml-roundtrip-validator  
github.com/matttproud/golang\_protobuf\_extensions  
github.com/modern-go/concurrent  
github.com/modern-go/reflect2  
github.com/mwitkow/go-conntrack  
github.com/oklog/run  
github.com/oklog/ulid  
github.com/opentracing-contrib/go-grpc  
github.com/opentracing-contrib/go-stdlib  
github.com/opentracing/opentracing-go  
github.com/prometheus/client\_golang  
github.com/prometheus/client\_model  
github.com/prometheus/common  
github.com/prometheus/node\_exporter  
github.com/prometheus/procfs  
github.com/prometheus/prometheus  
github.com/rainycape/unidecode  
github.com/russellhaering/goxmldsig  
github.com/sercand/kuberresolver  
github.com/sergi/go-diff  
github.com/uber/jaeger-client-go  
github.com/uber/jaeger-lib  
github.com/unknwon/com  
github.com/weaveworks/promrus  
go.opencensus.io  
go.opentelemetry.io/collector  
google.golang.org/genproto  
google.golang.org/grpc  
gopkg.in/ini.v1  
gopkg.in/square/go-jose.v2  
gopkg.in/yaml.v2  
grafana@7.5.14  
keycharm@0.2.0  
long@4.0.0

```
mousetrap-global-bind@1.1.0
mousetrap@1.6.5
react-reverse-portal@2.1.0
rxjs@6.6.3
visjs-network@4.25.0
```

```
----- License used by Dependencies
SPDX:Apache-2.0
    Apache License 2.0
```

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at  
<http://www.apache.org/licenses/LICENSE-2.0.txt>  
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/go-sourcemap/sourcemap
----- Copyrights
Copyright (c) 2016 The github.com/go-sourcemap/sourcemap Contributors.
```

```
----- Dependency
gopkg.in/redis.v5
----- Copyrights
Copyright (c) 2013 The github.com/go-redis/redis Authors.
Copyright 2013 Google Inc.
Copyright 2001-2010 Georges Menie (www.menie.org)
Copyright 2013 The Go Authors. All rights reserved.
```

```
----- Dependencies Summary
github.com/go-sourcemap/sourcemap
gopkg.in/redis.v5
```

```
----- License used by Dependencies
SPDX:BSD-2-Clause
Redistribution and use in source and binary forms, with or
without modification, are permitted provided that the following conditions
are
met:
```

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/edsrzf/mmap-go

----- Copyrights

Copyright (c) 2011, Evan Shaw <edsrzf@gmail.com>

Copyright 2011 Evan Shaw. All rights reserved.

Copyright (c) 2010, Gustavo Niemeyer <gustavo@niemeyer.net>

----- Dependencies Summary

github.com/edsrzf/mmap-go

----- License used by Dependencies

SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written

permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/facebookgo/structtag

----- Copyrights

Copyright (c) 2012 The Go Authors. All rights reserved.

----- Dependency

github.com/gogo/protobuf

----- Copyrights

Copyright (c) 2013, The GoGo Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors.

Copyright (c) 2015, The GoGo Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright (c) 2018, The GoGo Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright (c) 2016, The GoGo Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright (c) 2019, The GoGo Authors. All rights reserved.

Copyright (c) 2017, The GoGo Authors. All rights reserved.

Copyright (c) 2015, The GoGo Authors. rights reserved.

----- Dependency

github.com/golang/protobuf

----- Copyrights

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

----- Dependency

github.com/golang/snappy

----- Copyrights

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Copyright 2011 The Snappy-Go Authors. All rights reserved.

Copyright 2016 The Snappy-Go Authors. All rights reserved.

----- Dependency

github.com/google/go-cmp

## Third-Party Notices

---

### ----- Copyrights

Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.

### ----- Dependency

github.com/google/uuid

### ----- Copyrights

Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.

### ----- Dependency

github.com/googleapis/gax-go/v2

### ----- Copyrights

Copyright 2016, Google Inc.  
Copyright 2019, Google Inc.  
Copyright 2018, Google Inc.

### ----- Dependency

github.com/gorilla/mux

### ----- Copyrights

Copyright (c) 2012-2018 The Gorilla Authors. All rights reserved.  
Copyright 2012 The Gorilla Authors. All rights reserved.  
Copyright 2011 Gorilla Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

### ----- Dependency

github.com/grafana/go-mssqldb

### ----- Copyrights

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.

### ----- Dependency

github.com/klauspost/compress

### ----- Copyrights

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2019 Klaus Post. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015 Klaus Post  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2018 Klaus Post. All rights reserved.  
Based on work Copyright (c) 2013, Yann Collet, released under BSD License.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE file.

```
_, _ = fmt.Fprintf(os.Stderr, "Copyright (c) 2011 The Snappy-Go Authors.  
All rights reserved.\n")
```

Copyright (c) 2019 Klaus Post. All rights reserved.\n\n")  
 Copyright 2016 The Snappy-Go Authors. All rights reserved.  
 copyrighted and out-of-copyright pieces of a database.  
 copyright laws for two purposes: 1) to encourage the creation and  
 copyright was not renewed. In talking about the new technology and  
 copyrightable because they are mechanical. It can be argued  
 copyrightable. However, control over a scientific article written  
 Copyright always originates with the author, except in cases of works  
 copyright for works that were published in electronic form, including  
 Copyrights, Library of Congress  
 Copyright law protects creative works. Protection granted by the law to  
 Copyright owners want to control uses of their work and be paid for any  
 meta name="copyright" content="&copy; 2007 Crødit Agricole"/>  
 Copyright 2011 The Go Authors. All rights reserved.  
 This package includes the excellent  
 [`github.com/cespare/xxhash`] (<https://github.com/cespare/xxhash>) package  
 Copyright (c) 2016 Caleb Spare.  
 Copyright 2019+ Klaus Post. All rights reserved.  
 Copyright 2020+ Klaus Post. All rights reserved.  
 Copyright (c) 2016 Caleb Spare

----- Dependency

[golang.org/x/crypto](https://golang.org/x/crypto)

----- Copyrights

Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2015 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.

----- Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this

## Third-Party Notices

---

implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency

golang.org/x/net

----- Copyrights

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright (C) 2009 Apple Inc. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

----- Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency

golang.org/x/oauth2

----- Copyrights

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2017 The oauth2 Authors. All rights reserved.

Copyright 2015 The oauth2 Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.

----- Dependency  
golang.org/x/sync

----- Copyrights  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

----- Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency  
golang.org/x/sys

----- Copyrights  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2009,2010 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All right reserved.

----- Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency

[golang.org/x/text](http://golang.org/x/text)

----- Copyrights

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

----- Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this

implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency

golang.org/x/time

----- Copyrights

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

----- Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency

golang.org/x/xerrors

----- Copyrights

Copyright (c) 2019 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

----- Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

## Third-Party Notices

---

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependency

google.golang.org/api

----- Copyrights

Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2020 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2018 Google LLC.  
Copyright 2015 Google LLC.

----- Dependency

google.golang.org/protobuf

----- Copyrights

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."",  
Copyright 2018 The Go Authors. All rights reserved."",  
Copyright 2008 Google Inc. All rights reserved.

----- Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Dependencies Summary  
github.com/facebookgo/structtag  
github.com/gogo/protobuf  
github.com/golang/protobuf  
github.com/golang/snappy  
github.com/google/go-cmp  
github.com/google/uuid  
github.com/googleapis/gax-go/v2  
github.com/gorilla/mux  
github.com/grafana/go-mssqldb  
github.com/klauspost/compress  
golang.org/x/crypto  
golang.org/x/net  
golang.org/x/oauth2  
golang.org/x/sync  
golang.org/x/sys  
golang.org/x/text  
golang.org/x/time  
golang.org/x/xerrors  
google.golang.org/api  
google.golang.org/protobuf

----- License used by Dependencies  
SPDX:BSD-3-Clause--modified-by-Google  
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above

## Third-Party Notices

---

copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency  
ansi-align@2.0.0  
----- Copyrights  
Copyright (c) 2016, Contributors

----- Dependency  
anymatch@3.1.2  
----- Copyrights  
Copyright (c) 2019 Elan Shanker, Paul Miller (<https://paulmillr.com>)

----- Dependency  
electron-to-chromium@1.4.118  
----- Copyrights  
Copyright 2018 Kilian Valkhof

----- Dependency  
github.com/davecgh/go-spew  
----- Copyrights  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>

----- Dependency  
github.com/timberio/go-datemath  
----- Copyrights  
Copyright (c) 2019, Timber Technologies, Inc.

----- Dependency  
glob-parent@5.1.2  
----- Copyrights  
Copyright (c) 2015, 2019 Elan Shanker

----- Dependency  
graceful-fs@4.2.10  
----- Copyrights

---

Copyright (c) 2011-2022 Isaac Z. Schlueter, Ben Noordhuis, and Contributors

----- Dependency  
ignore-by-default@1.0.1

----- Copyrights  
Copyright (c) 2016, Mark Wubben

----- Dependency  
ini@1.3.8

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency  
isexe@2.0.0

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency  
lru-cache@4.1.5

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency  
lru-cache@5.1.1

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency  
minimatch@3.1.2

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency  
picocolors@1.0.0

----- Copyrights  
Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov

----- Dependency  
pseudomap@1.0.2

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency  
semver@5.7.1

----- Copyrights  
Copyright (c) Isaac Z. Schlueter and Contributors  
Copyright Isaac Z. Schlueter

----- Dependency  
signal-exit@3.0.7

----- Copyrights  
Copyright (c) 2015, Contributors

----- Dependency  
touch@3.1.0

## Third-Party Notices

---

```
----- Copyrights
Copyright (c) Isaac Z. Schlueter

----- Dependency
which@1.3.1
----- Copyrights
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency
write-file-atomic@2.4.3
----- Copyrights
Copyright (c) 2015, Rebecca Turner

----- Dependency
yallist@2.1.2
----- Copyrights
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency
yallist@3.1.1
----- Copyrights
Copyright (c) Isaac Z. Schlueter and Contributors

----- Dependency
yaml@1.10.2
----- Copyrights
Copyright 2018 Eemeli Aro <eemeli@gmail.com>

----- Dependencies Summary
ansi-align@2.0.0
anymatch@3.1.2
electron-to-chromium@1.4.118
github.com/davecgh/go-spew
github.com/timberio/go-datemath
glob-parent@5.1.2
graceful-fs@4.2.10
ignore-by-default@1.0.1
ini@1.3.8
isexe@2.0.0
lru-cache@4.1.5
lru-cache@5.1.1
minimatch@3.1.2
picocolors@1.0.0
pseudomap@1.0.2
semver@5.7.1
signal-exit@3.0.7
touch@3.1.0
which@1.3.1
write-file-atomic@2.4.3
yallist@2.1.2
yallist@3.1.1
yaml@1.10.2

----- License used by Dependencies
SPDX:ISC
Permission to use, copy, modify, and/or distribute this
```

software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

```
----- Dependencies Grouped by License -----
----- Dependency
@babel/code-frame@7.16.7
----- Copyrights
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- Dependency
@babel/helper-module-imports@7.16.7
----- Copyrights
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- Dependency
@babel/helper-validator-identifier@7.16.7
----- Copyrights
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- Dependency
@babel/highlight@7.17.9
----- Copyrights
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- Dependency
@babel/runtime@7.17.9
----- Copyrights
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- Dependency
@babel/types@7.17.0
----- Copyrights
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- Dependency
@emotion/cache@10.0.29
----- Copyrights
Copyright (c) Emotion team and other contributors

----- Dependency
@emotion/core@10.0.27
```

## Third-Party Notices

---

----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/css@10.0.27  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/hash@0.8.0  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/memoize@0.7.4  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/serialize@0.11.16  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/sheet@0.9.4  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/stylis@0.8.5  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/unitless@0.7.5  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/utils@0.11.3  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@emotion/weak-memoize@0.2.5  
----- Copyrights  
Copyright (c) Emotion team and other contributors

----- Dependency  
@grafana/slate-react@0.22.9-grafana  
----- Copyrights  
Copyright (c) 2013-present, Facebook, Inc.

----- Dependency  
@popperjs/core@2.5.4  
----- Copyrights

---

Copyright (c) 2019 Federico Zivolo

----- Dependency  
@reduxjs/toolkit@1.5.0

----- Copyrights  
Copyright (c) 2018 Mark Erikson

----- Dependency  
@torkelo/react-select@3.0.8

----- Copyrights  
Copyright (c) 2021 Jed Watson  
MIT Licensed. Copyright (c) Jed Watson 2019.

----- Dependency  
@webassemblyjs/ast@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/floating-point-hex-parser@1.11.1

----- Copyrights  
Copyright (c) 2017 Mauro Bringolf

----- Dependency  
@webassemblyjs/helper-api-error@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/helper-buffer@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/helper-numbers@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/helper-wasm-bytecode@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/helper-wasm-section@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/ieee754@1.11.1

----- Copyrights  
Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency  
@webassemblyjs/utf8@1.11.1

----- Copyrights

## Third-Party Notices

---

Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency

@webassemblyjs/wasm-edit@1.11.1

----- Copyrights

Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency

@webassemblyjs/wasm-gen@1.11.1

----- Copyrights

Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency

@webassemblyjs/wasm-opt@1.11.1

----- Copyrights

Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency

@webassemblyjs/wasm-parser@1.11.1

----- Copyrights

Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency

@webassemblyjs/wast-printer@1.11.1

----- Copyrights

Copyright (c) 2018 Sven Sauleau <svens@sauleau.com>

----- Dependency

@welldone-software/why-did-you-render@4.0.6

----- Copyrights

Copyright (c) 2018-present, Vitali Zaidman <vzaidman@gmail.com>

----- Dependency

@xobotyi/scrollbar-width@1.9.4

----- Copyrights

Copyright (c) 2019 Anton Zinovyev

----- Dependency

abortcontroller-polyfill@1.4.0

----- Copyrights

Copyright (c) 2017 molsson

----- Dependency

acorn-es7-plugin@1.1.7

----- Copyrights

Copyright (c) 2015,2016 Matt Wolf (MatAtBread, MatAtWork)

----- Dependency

acorn-import-assertions@1.8.0

----- Copyrights

(no copyright notices found)

----- Dependency

acorn@5.7.4

----- Copyrights

Copyright (C) 2012-2018 by various contributors (see AUTHORS)

```
----- Dependency
acorn@8.7.0
----- Copyrights
Copyright (C) 2012-2020 by various contributors (see AUTHORS)

----- Dependency
add-dom-event-listener@1.1.0
----- Copyrights
Copyright (c) 2014-present yiminghe

----- Dependency
ajv-keywords@3.5.2
----- Copyrights
Copyright (c) 2016 Evgeny Poberezkin

----- Dependency
ajv@6.12.6
----- Copyrights
Copyright (c) 2015-2017 Evgeny Poberezkin
Copyright 2011 Gary Court. All rights reserved.

----- Dependency
angular-bindonce@0.3.1
----- Copyrights
Copyright (c) 2013-2014 Pasquale Vazzana

----- Dependency
angular-route@1.8.2
----- Copyrights
Copyright (c) 2016 Angular
Copyright (c) 2010-2015 Google, Inc. http://angularjs.org

----- Dependency
angular-sanitize@1.8.2
----- Copyrights
Copyright (c) 2016 Angular
Copyright (c) 2010-2015 Google, Inc. http://angularjs.org

----- Dependency
angular@1.8.2
----- Copyrights
Copyright (c) 2016 Angular
Copyright (c) 2010-2015 Google, Inc. http://angularjs.org

----- Dependency
ansi-regex@3.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
ansi-styles@3.2.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
```

## Third-Party Notices

---

antlr4@4.10.1

----- Copyrights

Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.

Copyright (c) 2012-2022 The ANTLR Project. All rights reserved.

Copyright (c) 2012-2022 The ANTLR Project Contributors. All rights reserved.

----- Dependency

array-filter@1.0.0

----- Copyrights

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- Dependency

array-tree-filter@2.1.0

----- Copyrights

Copyright (c) 2015 afc163@gmail.com

----- Dependency

babel-plugin-emotion@10.2.2

----- Copyrights

Copyright (c) Emotion team and other contributors

----- Dependency

babel-plugin-macros@2.8.0

----- Copyrights

Copyright (c) 2017 Kent C. Dodds

----- Dependency

babel-plugin-syntax-jsx@6.18.0

----- Copyrights

(no copyright notices found)

----- Dependency

balanced-match@1.0.2

----- Copyrights

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- Dependency

baron@3.0.3

----- Copyrights

Copyright 2018 Kuznetsov Dmitriy

----- Dependency

batch-processor@1.0.0

----- Copyrights

Copyright (c) 2015 Lucas Wiener

----- Dependency

binary-extensions@2.2.0

----- Copyrights

Copyright (c) 2019 Sindre Sorhus <sindresorhus@gmail.com>

(<https://sindresorhus.com>), Paul Miller (<https://paulmillr.com>)

----- Dependency

boxen@1.3.0

----- Copyrights



## Third-Party Notices

---

```
----- Dependency
buffer-from@1.1.2
----- Copyrights
Copyright (c) 2016, 2018 Linus Unneb%ck

----- Dependency
calculate-size@1.1.1
----- Copyrights
Copyright (c) 2014 Johannes Schickling

----- Dependency
call-signature@0.0.2
----- Copyrights
Copyright (c) James Talmage <james@talmage.io> (github.com/jamestalmage)

----- Dependency
callsites@3.1.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
camelcase@4.1.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
capture-stack-trace@1.0.1
----- Copyrights
Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com>
(github.com/floatdrop)

----- Dependency
centrifuge@2.8.4
----- Copyrights
Copyright (c) 2021 Centrifugal
Copyright Joyent, Inc. and other Node contributors.

----- Dependency
chalk@2.4.2
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
chrome-trace-event@1.0.3
----- Copyrights
Copyright (c) 2015 Joyent Inc. All rights reserved.

----- Dependency
ci-info@1.6.0
----- Copyrights
Copyright (c) 2016-2018 Thomas Watson Steen

----- Dependency
classnames@2.2.6
----- Copyrights
```

---

Copyright (c) 2017 Jed Watson  
[MIT](LICENSE). Copyright (c) 2017 Jed Watson.  
Copyright (c) 2017 Jed Watson.

----- Dependency  
cli-boxes@1.0.0  
----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
clipboard@2.0.4  
----- Copyrights  
Copyright (c) Zeno Rocha

----- Dependency  
clsx@1.1.1  
----- Copyrights  
Copyright (c) Luke Edwards <luke.edwards05@gmail.com> (lukeed.com)

----- Dependency  
color-convert@1.9.3  
----- Copyrights  
Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>  
Copyright &copy; 2011-2016, Heather Arthur and Josh Junon. Licensed under  
the [MIT License](LICENSE).

----- Dependency  
color-name@1.1.3  
----- Copyrights  
Copyright (c) 2015 Dmitry Ivanov

----- Dependency  
commander@2.20.3  
----- Copyrights  
Copyright (c) 2011 TJ Holowaychuk <tj@vision-media.ca>

----- Dependency  
common-tags@1.8.2  
----- Copyrights  
Copyright © Declan de Wet

----- Dependency  
concat-map@0.0.1  
----- Copyrights  
(no copyright notices found)

----- Dependency  
convert-source-map@1.8.0  
----- Copyrights  
Copyright 2013 Thorsten Lorenz.

----- Dependency  
copy-to-clipboard@3.3.1  
----- Copyrights  
Copyright (c) 2017 sudodoki <smd.deluzion@gmail.com>

## Third-Party Notices

---

```
----- Dependency
core-js@2.6.12
----- Copyrights
Copyright (c) 2014-2020 Denis Pushkarev
copyright: '© 2020 Denis Pushkarev (zloirock.ru)'
copyright: '© 2019 Denis Pushkarev (zloirock.ru)'
```

```
----- Dependency
core-js@3.6.4
----- Copyrights
Copyright (c) 2014-2020 Denis Pushkarev
copyright: '© 2020 Denis Pushkarev (zloirock.ru)'
```

```
----- Dependency
cosmiconfig@6.0.0
----- Copyrights
Copyright (c) 2015 David Clark
```

```
----- Dependency
create-emotion@10.0.27
----- Copyrights
Copyright (c) Emotion team and other contributors
```

```
----- Dependency
create-error-class@3.0.2
----- Copyrights
Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com>
(github.com/floatdrop)
```

```
----- Dependency
cross-spawn@5.1.0
----- Copyrights
Copyright (c) 2014 IndigoUnited
```

```
----- Dependency
crypto-random-string@1.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
```

```
----- Dependency
css-box-model@1.2.1
----- Copyrights
Copyright (c) 2018 Alex Reardon
```

```
----- Dependency
css-in-js-utils@2.0.1
----- Copyrights
Copyright (c) 2017 Robin Frischmann
```

```
----- Dependency
css-tree@1.1.3
----- Copyrights
Copyright (C) 2016-2019 by Roman Dvornov
Copyright 2011 Mozilla Foundation and contributors
Copyright 2011 The Closure Compiler Authors. All rights reserved.
Copyright 2014 Mozilla Foundation and contributors
```

```
----- Dependency
csstype@2.6.20
----- Copyrights
Copyright (c) 2017-2018 Fredrik Nicol

----- Dependency
csstype@3.0.11
----- Copyrights
Copyright (c) 2017-2018 Fredrik Nicol

----- Dependency
d3-geo@1.12.1
----- Copyrights
Copyright 2010-2016 Mike Bostock
Copyright (c) 2008-2012, Charles Karney
https://d3js.org/d3-geo/ v1.12.1 Copyright 2020 Mike Bostock

----- Dependency
d3-voronoi@1.1.4
----- Copyrights
Copyright 2010-2016 Mike Bostock
Copyright (C) 2010-2013 Raymond Hill
https://d3js.org/d3-voronoi/ v1.1.4 Copyright 2018 Mike Bostock

----- Dependency
dangerously-set-html-content@1.0.6
----- Copyrights
Copyright [Cristofer] (https://www.chrises.me/)

----- Dependency
debounce-promise@3.1.2
----- Copyrights
Copyright Bjørge Næss

----- Dependency
debug@3.2.7
----- Copyrights
Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>
Copyright (c) 2014-2017 TJ Holowaychuk &lt;tj@vision-media.ca>;

----- Dependency
deep-diff@0.3.8
----- Copyrights
Copyright (c) 2011-2013 Phillip Clark

----- Dependency
deep-extend@0.6.0
----- Copyrights
Copyright (c) 2013-2018, Viacheslav Lotsmanov
Copyright (c) 2013-2018 Viacheslav Lotsmanov

----- Dependency
define-properties@1.1.4
----- Copyrights
Copyright (C) 2015 Jordan Harband
```

## Third-Party Notices

---

```
----- Dependency
direction@0.1.5
----- Copyrights
Copyright (c) 2014 Titus Wormer <tituswormer@gmail.com>

----- Dependency
dom-align@1.12.2
----- Copyrights
Copyright (c) 2014-present yiminghe

----- Dependency
dom-helpers@5.2.1
----- Copyrights
Copyright (c) 2015 Jason Quense
Copyright 2014-2015, Facebook, Inc.
Copyright 2013-2014, Facebook, Inc.

----- Dependency
dot-prop@4.2.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
eastasianwidth@0.2.0
----- Copyrights
  (no copyright notices found)

----- Dependency
element-resize-detector@1.2.4
----- Copyrights
Copyright (c) 2016 Lucas Wiener\n" +
Copyright (c) 2016 Lucas Wiener

----- Dependency
emitter-component@1.1.1
----- Copyrights
Copyright (c) 2014 Component contributors <dev@component.io>

----- Dependency
emotion@10.0.27
----- Copyrights
Copyright (c) Emotion team and other contributors

----- Dependency
empower-core@1.2.0
----- Copyrights
Copyright (c) 2013-2018 Takuto Wada

----- Dependency
empower@1.3.1
----- Copyrights
Copyright (c) 2013-2018 Takuto Wada, https://github.com/power-assert-
js/empower
Copyright (c) 2013-2018 Takuto Wada
copyright: '© 2018 Denis Pushkarev (zloirock.ru)'
```

```
----- Dependency
enhanced-resolve@5.9.3
----- Copyrights
Copyright JS Foundation and other contributors
Copyright (c) 2012-2019 JS Foundation and other contributors

----- Dependency
error-ex@1.3.2
----- Copyrights
Copyright (c) 2015 JD Ballard

----- Dependency
error-stack-parser@2.0.7
----- Copyrights
Copyright (c) 2017 Eric Wendelin and other contributors

----- Dependency
es-module-lexer@0.9.3
----- Copyrights
Copyright (C) 2018-2021 Guy Bedford
Copyright (C) 2012-2020 by various contributors (see AUTHORS)

----- Dependency
escalade@3.1.1
----- Copyrights
Copyright (c) Luke Edwards <luke.edwards05@gmail.com> (lukeed.com)

----- Dependency
escape-string-regexp@1.0.5
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
espurify@1.8.1
----- Copyrights
Copyright (c) 2014-2018 Takuto Wada, https://github.com/estools/espurify
Copyright (c) 2014-2018 Takuto Wada
copyright: '© 2018 Denis Pushkarev (zloirock.ru) '

----- Dependency
esrever@0.2.0
----- Copyrights
Copyright Mathias Bynens <https://mathiasbynens.be/>

----- Dependency
eventemitter3@4.0.0
----- Copyrights
Copyright (c) 2014 Arnout Kazemier

----- Dependency
events@3.3.0
----- Copyrights
Copyright Joyent, Inc. and other Node contributors.

----- Dependency
```

## Third-Party Notices

---

```
execa@0.7.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
fast-deep-equal@3.1.3
----- Copyrights
Copyright (c) 2017 Evgeny Poberezkin

----- Dependency
fast-json-stable-stringify@2.1.0
----- Copyrights
Copyright (c) 2017 Evgeny Poberezkin
Copyright (c) 2013 James Halliday

----- Dependency
fast-memoize@2.5.2
----- Copyrights
Copyright (c) 2016 Caio Gondim

----- Dependency
fastest-stable-stringify@2.0.2
----- Copyrights
  (no copyright notices found)

----- Dependency
file-saver@2.0.2
----- Copyrights
Copyright © 2016 [Eli Grey][1].

----- Dependency
fill-range@7.0.1
----- Copyrights
Copyright (c) 2014-present, Jon Schlinkert.
Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).

----- Dependency
function-bind@1.1.1
----- Copyrights
Copyright (c) 2013 Raynos.

----- Dependency
get-document@1.0.0
----- Copyrights
Copyright (c) 2014 Nathan Rajlich <n@n8.io>

----- Dependency
get-intrinsic@1.1.1
----- Copyrights
Copyright (c) 2020 Jordan Harband

----- Dependency
get-stream@3.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
```

---

```
----- Dependency
get-window@1.1.2
----- Copyrights
Copyright (c) 2014 Nathan Rajlich <n@n8.io>

----- Dependency
github.com/BurntSushi/toml
----- Copyrights
Copyright (c) 2013 TOML authors
Copyright 2010 The Go Authors. All rights reserved.

----- Dependency
github.com/FZambia/eagle
----- Copyrights
Copyright (c) 2018 Alexander Emelin

----- Dependency
github.com/VividCortex/mysqlerr
----- Copyrights
Copyright (c) 2017 VividCortex

----- Dependency
github.com/benbjohnson/clock
----- Copyrights
Copyright (c) 2014 Ben Johnson

----- Dependency
github.com/beorn7/perks
----- Copyrights
Copyright (C) 2013 Blake Mizerany

----- Dependency
github.com/blang/semver
----- Copyrights
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>

----- Dependency
github.com/centrifugal/centrifuge
----- Copyrights
Copyright (c) 2020 Centrifugal

----- Dependency
github.com/centrifugal/protocol
----- Copyrights
Copyright (c) 2020 Centrifugal

----- Dependency
github.com/cespare/xxhash
----- Copyrights
Copyright (c) 2016 Caleb Spare

----- Dependency
github.com/cespare/xxhash/v2
----- Copyrights
Copyright (c) 2016 Caleb Spare
```

## Third-Party Notices

---

```
----- Dependency
github.com/cheekybits/genny
----- Copyrights
Copyright (c) 2014 cheekybits

----- Dependency
github.com/cpuguy83/go-md2man/v2
----- Copyrights
Copyright (c) 2014 Brian Goff

----- Dependency
github.com/dustin/go-humanize
----- Copyrights
Copyright (c) 2005-2008 Dustin Sallings <dustin@spy.net>

----- Dependency
github.com/facebookgo/inject
----- Copyrights
Copyright (c) 2013-present, Facebook, Inc.

----- Dependency
github.com/fatih/color
----- Copyrights
Copyright (c) 2013 Fatih Arslan

----- Dependency
github.com/felixge/httpsnoop
----- Copyrights
Copyright (c) 2016 Felix Geisendörfer (felix@debuggable.com)

----- Dependency
github.com/gchaincl/sqlhooks
----- Copyrights
Copyright (c) 2016 Gustavo Chaín

----- Dependency
github.com/go-kit/kit
----- Copyrights
Copyright (c) 2015 Peter Bourgon
Copyright (c) 2014 Simon Eskildsen
Copyright 2013 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.

----- Dependency
github.com/go-logfmt/logfmt
----- Copyrights
Copyright (c) 2015 go-logfmt
Copyright 2010 The Go Authors. All rights reserved.

----- Dependency
github.com/go-stack/stack
----- Copyrights
Copyright (c) 2014 Chris Hines

----- Dependency
github.com/gobwas/glob
```

```
----- Copyrights
Copyright (c) 2016 Sergey Kamardin

----- Dependency
github.com/hashicorp/go-hclog
----- Copyrights
Copyright (c) 2017 HashiCorp
Copyright (c) 2016 Uber Technologies, Inc.

----- Dependency
github.com/influxdata/influxdb-client-go/v2
----- Copyrights
Copyright (c) 2020 Influxdata, Inc.
Copyright 2020 InfluxData, Inc. All rights reserved.
Copyright 2020 InfluxData, Inc.. All rights reserved.

----- Dependency
github.com/influxdata/line-protocol
----- Copyrights
Copyright (c) 2013-2018 InfluxData Inc.

----- Dependency
github.com/jpillora/backoff
----- Copyrights
Copyright (c) 2017 Jaime Pillora

----- Dependency
github.com/json-iterator/go
----- Copyrights
Copyright (c) 2016 json-iterator

----- Dependency
github.com/jung-kurt/gofpdf
----- Copyrights
Copyright (c) 2017 Kurt Jung and contributors acknowledged in the
documentation
Copyright (c) 2015 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2015 Jelmer Snoeck (Gmail: jelmer.snoeck)
Copyright (c) 2016 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2013-2014 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2014 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2013 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2013-2015 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2013 Kurt Jung
Copyright (c) 2013-2016 Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) Kurt Jung (Gmail: kurt.w.jung)
Copyright (c) 2015 Kurt Jung (Gmail: kurt.w.jung),
Copyright (c) 2019 Arteom Korotkiy (Gmail: arteomkorotkiy)
The untypedKeyMap structure and its methods are copyrighted 2019 by Arteom
Korotkiy (Gmail: arteomkorotkiy).

----- Dependency
github.com/lib/pq
----- Copyrights
Copyright (c) 2011-2013, 'pq' Contributors
Portions Copyright (C) 2011 Blake Mizerany
```

## Third-Party Notices

---

Copyright (c) 2014 - Gustavo Niemeyer <gustavo@niemeyer.net>

----- Dependency  
github.com/mattetti/filebuffer

----- Copyrights  
Copyright (c) 2016 Matt Aimonetti

----- Dependency  
github.com/mattn/go-colorable  
----- Copyrights  
Copyright (c) 2016 Yasuhiro Matsumoto

----- Dependency  
github.com/mattn/go-isatty  
----- Copyrights  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- Dependency  
github.com/mattn/go-runewidth  
----- Copyrights  
Copyright (c) 2016 Yasuhiro Matsumoto

----- Dependency  
github.com/mattn/go-sqlite3  
----- Copyrights  
Copyright (c) 2014 Yasuhiro Matsumoto  
Copyright (C) 2019 Yasuhiro Matsumoto <mattn.jp@gmail.com>.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright (C) 2018 G.J.R. Timmer <gjr.timmer@gmail.com>.  
Copyright (C) 2019 G.J.R. Timmer <gjr.timmer@gmail.com>.  
Copyright (C) 2018 segment.com <friends@segment.com>

----- Dependency  
github.com/mitchellh/go-testing-interface  
----- Copyrights  
Copyright (c) 2016 Mitchell Hashimoto

----- Dependency  
github.com/olekukonko/tablewriter  
----- Copyrights  
Copyright (C) 2014 by Oleku Konko  
Copyright 2014 Oleku Konko All rights reserved.

----- Dependency  
github.com/patrickmn/go-cache  
----- Copyrights  
Copyright (c) 2012-2017 Patrick Mylund Nielsen and the go-cache contributors

----- Dependency  
github.com/robfig/cron  
----- Copyrights  
Copyright (C) 2012 Rob Figueiredo

----- Dependency  
github.com/robfig/cron/v3

```
----- Copyrights
Copyright (C) 2012 Rob Figueiredo

----- Dependency
github.com/shurcool/sanitized_anchor_name
----- Copyrights
Copyright (c) 2015 Dmitri Shuralyov

----- Dependency
github.com/sirupsen/logrus
----- Copyrights
Copyright (c) 2014 Simon Eskildsen
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.

----- Dependency
github.com/stretchr/objx
----- Copyrights
Copyright (c) 2014 Stretchr, Inc.
Copyright (c) 2017-2018 objx contributors

----- Dependency
github.com/stretchr/testify
----- Copyrights
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

----- Dependency
github.com/teris-io/shortid
----- Copyrights
Copyright (c) 2016. Oleg Sklyar and teris.io. MIT license applies. All
rights reserved.
[Original algorithm][nodeshortid]** Copyright (c) 2015 Dylan Greene,
contributors. The same MIT
Seed computation:** based on The Central Randomizer 1.3. Copyright (c)
1997 Paul Houle (houle@msc.cornell.edu)
Copyright (c) 2016-2017. Oleg Sklyar & teris.io. All rights reserved.
Copyright (c) 2015 Dylan Greene, contributors:
https://github.com/dylang/shortid.
Copyright (c) 1997 Paul Houle (houle@msc.cornell.edu)

----- Dependency
github.com/urfave/cli/v2
----- Copyrights
Copyright (c) 2016 Jeremy Saenz & Contributors
Copyright of the binary if any
Copyright string

----- Dependency
github.com/yudai/gojsondiff
----- Copyrights
Copyright (c) 2015 Iwasaki Yudai
Copyright (c) 2012 Sergi Mansilla <sergi.mansilla@gmail.com>
Copyright (C) 2013 Jeremy Saenz
Copyright (c) 2013-2014 Onsi Fakhouri

----- Dependency
github.com/yudai/golcs
```

## Third-Party Notices

---

```
----- Copyrights
Copyright (c) 2015 Iwasaki Yudai

----- Dependency
global-dirs@0.1.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
go.uber.org/atomic
----- Copyrights
Copyright (c) 2016 Uber Technologies, Inc.
Copyright (c) 2020 Uber Technologies, Inc.
Copyright (c) 2016-2020 Uber Technologies, Inc.

----- Dependency
go.uber.org/goleak
----- Copyrights
Copyright (c) 2018 Uber Technologies, Inc.
Copyright (c) 2017 Uber Technologies, Inc.
Copyright (c) 2019 Uber Technologies, Inc.

----- Dependency
gopkg.in/asn1-ber.v1
----- Copyrights
Copyright (c) 2011-2015 Michael Mitton (mmitton@gmail.com)
Portions copyright (c) 2015-2016 go-asn1-ber Authors

----- Dependency
gopkg.in/ldap.v3
----- Copyrights
Copyright (c) 2011-2015 Michael Mitton (mmitton@gmail.com)
Portions copyright (c) 2015-2016 go-ldap Authors

----- Dependency
gopkg.in/mail.v2
----- Copyrights
Copyright (c) 2014 Alexandre Cesaro

----- Dependency
gopkg.in/yaml.v3
----- Copyrights
copyright starting in 2011 when the project was ported over:
Copyright (c) 2006-2010 Kirill Simonov
Copyright (c) 2006-2011 Kirill Simonov
Copyright (c) 2011-2019 Canonical Ltd
Copyright 2011-2016 Canonical Ltd.
----- Notices
Copyright 2011-2016 Canonical Ltd.
```

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependency  
got@6.7.1

----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
hammerjs@2.0.8

----- Copyrights  
Copyright (C) 2011-2014 by Jorik Tangelder (Eight Media)  
Copyright (c) 2016 Jorik Tangelder;  
Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>  
Copyright (C) 2012 Mathias Bynens <mathias@qiwi.be>  
Copyright (C) 2012 Joost-Wim Boekesteijn <joost-wim@boekesteijn.nl>  
Copyright (C) 2012 Kris Kowal <kris.kowal@cixar.com>  
Copyright (C) 2012 Yusuke Suzuki <utatane.tea@gmail.com>  
Copyright (C) 2012 Arpad Borsos <arpad.borsos@googlegmail.com>  
Copyright (C) 2011 Ariya Hidayat <ariya.hidayat@gmail.com>  
Copyright 2012-2013 The Dojo Foundation <<http://dojofoundation.org/>>  
Copyright 2009-2013 Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors  
Copyright 2013 jQuery Foundation and other contributors  
jsDump Copyright (c) 2008 Ariel Flesler - aflesler(at)gmail(dot)com |

----- Dependency  
has-flag@3.0.0

----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
has-flag@4.0.0

----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
has-property-descriptors@1.0.0

----- Copyrights  
Copyright (c) 2022 Inspect JS

----- Dependency  
has-symbols@1.0.3

----- Copyrights  
Copyright (c) 2016 Jordan Harband

----- Dependency  
has@1.0.3

----- Copyrights  
Copyright (c) 2013 Thiago de Arruda

----- Dependency

## Third-Party Notices

---

```
highlight-words-core@1.2.2
----- Copyrights
Copyright (c) 2015 Treasure Data

----- Dependency
iconv-lite@0.4.24
----- Copyrights
Copyright (c) 2011 Alexander Shtuchkin

----- Dependency
immer@8.0.4
----- Copyrights
Copyright (c) 2017 Michel Weststrate

----- Dependency
immutable@3.8.2
----- Copyrights
Copyright (c) 2014-present, Facebook, Inc.

----- Dependency
import-fresh@3.3.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com)

----- Dependency
import-lazy@2.1.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
imurmurhash@0.1.4
----- Copyrights
Copyright (c) 2013 Gary Court, Jens Taylor

----- Dependency
indexof@0.0.1
----- Copyrights
(no copyright notices found)

----- Dependency
inline-style-prefixer@6.0.1
----- Copyrights
Copyright (c) 2015 Robin Frischmann

----- Dependency
invariant@2.2.4
----- Copyrights
Copyright (c) 2013-present, Facebook, Inc.

----- Dependency
is-arrayish@0.2.1
----- Copyrights
Copyright (c) 2015 JD Ballard

----- Dependency
```

---

```
is-binary-path@2.1.0
----- Copyrights
Copyright (c) 2019 Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com), Paul Miller (https://paulmillr.com)

----- Dependency
is-buffer@1.1.6
----- Copyrights
Copyright (c) Feross Aboukhadijeh

----- Dependency
is-ci@1.2.1
----- Copyrights
Copyright (c) 2016-2018 Thomas Watson Steen

----- Dependency
is-core-module@2.9.0
----- Copyrights
Copyright (c) 2014 Dave Justice

----- Dependency
is-extglob@2.1.1
----- Copyrights
Copyright (c) 2014-2016, Jon Schlinkert
Copyright © 2016, [Jon Schlinkert](https://github.com/jonschlinkert).
Copyright (c) 2014-2016, Jon Schlinkert.

----- Dependency
is-fullwidth-code-point@2.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
is-glob@4.0.3
----- Copyrights
Copyright (c) 2014-2017, Jon Schlinkert.
Copyright © 2019, [Jon Schlinkert](https://github.com/jonschlinkert).

----- Dependency
is-hotkey@0.1.4
----- Copyrights
Copyright © 2017, [Ian Storm Taylor](https://ianstormtaylor.com)

----- Dependency
is-hotkey@0.1.6
----- Copyrights
Copyright © 2017, [Ian Storm Taylor](https://ianstormtaylor.com)

----- Dependency
is-in-browser@1.1.3
----- Copyrights
Copyright (c) 2016-2019 Jared Anderson

----- Dependency
is-installed-globally@0.1.0
----- Copyrights
```

## Third-Party Notices

---

```
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
is-npm@1.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com)

----- Dependency
is-number@7.0.0
----- Copyrights
Copyright (c) 2014-present, Jon Schlinkert.
Copyright © 2018, [Jon Schlinkert](https://github.com/jonschlinkert).

----- Dependency
is-obj@1.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
is-path-inside@1.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
is-plain-object@2.0.4
----- Copyrights
Copyright (c) 2014-2017, Jon Schlinkert.
Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).

----- Dependency
is-redirect@1.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
is-retry-allowed@1.2.0
----- Copyrights
Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com>
(github.com/floatdrop)

----- Dependency
is-stream@1.1.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
is-window@1.0.2
----- Copyrights
Copyright (c) 2016 W.Y.

----- Dependency
isobject@3.0.1
----- Copyrights
Copyright (c) 2014-2017, Jon Schlinkert.
Copyright © 2017, [Jon Schlinkert](https://github.com/jonschlinkert).
```

```
----- Dependency
isomorphic-base64@1.0.2
----- Copyrights
  (no copyright notices found)

----- Dependency
jest-worker@27.5.1
----- Copyrights
Copyright (c) Facebook, Inc. and its affiliates.
Copyright (c) Facebook, Inc. and its affiliates. All Rights Reserved.

----- Dependency
jquery@3.5.1
----- Copyrights
Copyright JS Foundation and other contributors, https://js.foundation/
Copyright JS Foundation and other contributors

----- Dependency
js-cookie@2.2.1
----- Copyrights
Copyright (c) 2018 Copyright 2018 Klaus Hartl, Fagner Brack, GitHub
Contributors
Copyright 2006, 2015 Klaus Hartl & Fagner Brack

----- Dependency
js-tokens@4.0.0
----- Copyrights
Copyright (c) 2014, 2015, 2016, 2017, 2018 Simon Lydell
Copyright 2014, 2015, 2016, 2017, 2018 Simon Lydell

----- Dependency
json-parse-better-errors@1.0.2
----- Copyrights
Copyright 2017 Kat Marchan

----- Dependency
json-parse-even-better-errors@2.3.1
----- Copyrights
Copyright 2017 Kat Marchan

----- Dependency
json-schema-traverse@0.4.1
----- Copyrights
Copyright (c) 2017 Evgeny Poberezkin

----- Dependency
jsurl@0.1.5
----- Copyrights
Copyright (c) 2011 Bruno Jouhier <bruno.jouhier@sage.com>

----- Dependency
latest-version@3.1.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
```

## Third-Party Notices

---

```
----- Dependency
lines-and-columns@1.2.4
----- Copyrights
Copyright (c) 2015 Brian Donovan

----- Dependency
loader-runner@4.3.0
----- Copyrights
Copyright (c) Tobias Koppers @sokra

----- Dependency
lodash.isequal@4.5.0
----- Copyrights
Copyright JS Foundation and other contributors <https://js.foundation/>
Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters &
Editors

----- Dependency
lodash@4.17.21
----- Copyrights
Copyright OpenJS Foundation and other contributors <https://openjsf.org/>
Copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters &
Editors

----- Dependency
loose-envify@1.4.0
----- Copyrights
Copyright (c) 2015 Andres Suarez <zertosh@gmail.com>

----- Dependency
lowercase-keys@1.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
make-dir@1.3.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
memoize-one@4.0.3
----- Copyrights
Copyright (c) 2017 Alexander Reardon

----- Dependency
memoize-one@5.1.1
----- Copyrights
Copyright (c) 2019 Alexander Reardon

----- Dependency
merge-stream@2.0.0
----- Copyrights
Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)

----- Dependency
mime-db@1.52.0
```

```
----- Copyrights
Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>
Copyright (c) 2015-2022 Douglas Christopher Wilson
<doug@somethingdoug.com>
Copyright(c) 2014 Jonathan Ong
Copyright(c) 2015-2022 Douglas Christopher Wilson

----- Dependency
mime-types@2.1.35
----- Copyrights
Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>
Copyright(c) 2014 Jonathan Ong
Copyright(c) 2015 Douglas Christopher Wilson

----- Dependency
minimist@1.2.6
----- Copyrights
  (no copyright notices found)

----- Dependency
moment-timezone@0.5.28
----- Copyrights
Copyright (c) JS Foundation and other contributors

----- Dependency
moment@2.24.0
----- Copyrights
Copyright (c) JS Foundation and other contributors

----- Dependency
ms@2.1.3
----- Copyrights
Copyright (c) 2020 Vercel, Inc.

----- Dependency
neo-async@2.6.2
----- Copyrights
Copyright (c) 2014-2018 Suguru Motegi

----- Dependency
node-releases@2.0.3
----- Copyrights
Copyright (c) 2017 Sergey Rubanov (https://github.com/chicoxyzyzy)

----- Dependency
nodemon@2.0.2
----- Copyrights
Copyright (c) 2010 - present, Remy Sharp, https://remysharp.com
<remy@remysharp.com>

----- Dependency
nopt@1.0.10
----- Copyrights
Copyright 2009, 2010, 2011 Isaac Z. Schlueter.
```

## Third-Party Notices

---

```
----- Dependency
normalize-path@3.0.0
----- Copyrights
Copyright (c) 2014-2018, Jon Schlinkert.
Copyright © 2018, [Jon Schlinkert] (https://github.com/jonschlinkert).

----- Dependency
npm-run-path@2.0.2
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
object-assign@4.1.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
object-keys@1.1.1
----- Copyrights
Copyright (C) 2013 Jordan Harband

----- Dependency
p-finally@1.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
package-json@4.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
papaparse@5.3.0
----- Copyrights
Copyright (c) 2015 Matthew Holt

----- Dependency
parent-module@1.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
parse-json@5.2.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com)

----- Dependency
path-is-inside@1.0.2
----- Copyrights
Copyright © 2013–2016 Domenic Denicola <d@domenic.me>
Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>

----- Dependency
path-key@2.0.1
----- Copyrights
```

---

```
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
path-parse@1.0.7
----- Copyrights
Copyright (c) 2015 Javier Blanco

----- Dependency
path-type@4.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
performance-now@2.1.0
----- Copyrights
Copyright (c) 2017 Braveg1rl
Copyright (c) 2013 Braveg1rl

----- Dependency
picomatch@2.3.1
----- Copyrights
Copyright (c) 2017-present, Jon Schlinkert.
Copyright © 2017-present, [Jon
Schlinkert] (https://github.com/jonschlinkert).

----- Dependency
pify@3.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
power-assert-context-formatter@1.2.0
----- Copyrights
  (no copyright notices found)

----- Dependency
power-assert-context-reducer-ast@1.2.0
----- Copyrights
  (no copyright notices found)

----- Dependency
power-assert-context-traversal@1.2.0
----- Copyrights
  (no copyright notices found)

----- Dependency
power-assert-formatter@1.4.1
----- Copyrights
Copyright (c) 2013-2016 Takuto Wada, https://github.com/power-assert-
js/power-assert-formatter
Copyright (c) 2013-2016 Takuto Wada
Copyright 2006 Google Inc.
Copyright (c) 2014-2016 Takuto Wada
Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>
Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>
Copyright (c) 2014-2015 Takuto Wada
```

## Third-Party Notices

---

```
----- Dependency
power-assert-renderer-assertion@1.2.0
----- Copyrights
Copyright (c) 2016-2018 Takuto Wada, https://github.com/twada/power-
assert-runtime

----- Dependency
power-assert-renderer-base@1.1.1
----- Copyrights
Copyright (c) 2016-2018 Takuto Wada, https://github.com/twada/power-
assert-runtime

----- Dependency
power-assert-renderer-comparison@1.2.0
----- Copyrights
  (no copyright notices found)

----- Dependency
power-assert-renderer-diagram@1.2.0
----- Copyrights
  (no copyright notices found)

----- Dependency
power-assert-renderer-file@1.2.0
----- Copyrights
Copyright (c) 2016-2018 Takuto Wada, https://github.com/twada/power-
assert-runtime

----- Dependency
power-assert-util-string-width@1.2.0
----- Copyrights
Copyright (c) 2016-2018 Takuto Wada, https://github.com/twada/power-
assert-runtime

----- Dependency
power-assert@1.6.1
----- Copyrights
Copyright (c) 2013-2018 Takuto Wada, https://github.com/power-assert-
js/power-assert
Copyright (c) 2013-2018 Takuto Wada
Copyright (c) 2009 Thomas Robinson <280north.com>
copyright: '© 2018 Denis Pushkarev (zloirock.ru)'
Copyright 2018 The diff-match-patch Authors.
Copyright (c) 2014-2018 Takuto Wada
Copyright (C) 2012-2013 Yusuke Suzuki <utatane.tea@gmail.com>
Copyright (C) 2012 Ariya Hidayat <ariya.hidayat@gmail.com>
Copyright (c) 2013-2016 Takuto Wada
Copyright (c) 2014-2016 Takuto Wada

----- Dependency
prepend-http@1.0.4
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
```

---

```
prismjs@1.21.0
----- Copyrights
Copyright (c) 2012 Lea Verou

----- Dependency
prop-types@15.7.2
----- Copyrights
Copyright (c) 2013-present, Facebook, Inc.

----- Dependency
propagating-hammerjs@1.5.0
----- Copyrights
Copyright (c) 2014-2020 Jos de Jong

----- Dependency
punycode@2.1.1
----- Copyrights
Copyright Mathias Bynens <https://mathiasbynens.be/>

----- Dependency
raf-schd@4.0.3
----- Copyrights
Copyright (c) 2021 Alex Reardon

----- Dependency
raf@3.4.1
----- Copyrights
Copyright 2013 Chris Dickinson <chris@neversaw.us>

----- Dependency
randombytes@2.1.0
----- Copyrights
Copyright (c) 2017 crypto-browserify

----- Dependency
rc-align@4.0.11
----- Copyrights
Copyright (c) 2014-present yiminghe

----- Dependency
rc-cascader@1.0.1
----- Copyrights
Copyright (c) 2014-present alipay.com

----- Dependency
rc-motion@1.1.2
----- Copyrights
Copyright (c) 2019-present afcl63

----- Dependency
rc-trigger@4.4.3
----- Copyrights
Copyright (c) 2015-present Alipay.com, https://www.alipay.com/

----- Dependency
rc-util@4.21.1
```

## Third-Party Notices

---

----- Copyrights  
Copyright (c) 2014-present yiminghe  
Copyright (c) 2015-present Alipay.com, <https://www.alipay.com/>  
Copyright 2013-present, Facebook, Inc.

----- Dependency  
rc-util@5.21.0  
----- Copyrights  
Copyright (c) 2014-present yiminghe  
Copyright (c) 2015-present Alipay.com, <https://www.alipay.com/>  
Copyright 2013-present, Facebook, Inc.

----- Dependency  
re-resizable@6.9.8  
----- Copyrights  
Copyright (c) 2018 @bokuweb  
Copyright (c) Microsoft Corporation.

----- Dependency  
react-dom@17.0.1  
----- Copyrights  
Copyright (c) Facebook, Inc. and its affiliates.

----- Dependency  
react-draggable@4.4.4  
----- Copyrights  
Copyright (c) 2014-2016 Matt Zabriskie. All rights reserved.

----- Dependency  
react-fast-compare@3.2.0  
----- Copyrights  
Copyright (c) 2018 Formidable Labs  
Copyright (c) 2017 Evgeny Poberezkin

----- Dependency  
react-grid-layout@1.2.0  
----- Copyrights  
Copyright (c) 2016 Samuel Reed

----- Dependency  
react-highlight-words@0.16.0  
----- Copyrights  
Copyright (c) 2015 Treasure Data  
Copyright (c) 2013-present, Facebook, Inc.  
Copyright (c) 2014-present, Facebook, Inc.

----- Dependency  
react-immutable-proptypes@2.2.0  
----- Copyrights  
Copyright (c) 2015 James Burnett

----- Dependency  
react-input-autosize@2.2.2  
----- Copyrights  
Copyright (c) 2018 Jed Watson  
Copyright (c) 2018 Jed Watson. [MIT](LICENSE) License.

---

Copyright (c) Facebook, Inc. and its affiliates.

----- Dependency

react-is@16.13.1

----- Copyrights

Copyright (c) Facebook, Inc. and its affiliates.

----- Dependency

react-lifecycles-compat@3.0.4

----- Copyrights

Copyright (c) 2013-present, Facebook, Inc.

----- Dependency

react-loadable@5.5.0

----- Copyrights

(no copyright notices found)

----- Dependency

react-popper@2.2.4

----- Copyrights

Copyright (c) 2018 React Popper authors

Copyright (c) 2014-present, Facebook, Inc.

----- Dependency

react-redux@7.2.0

----- Copyrights

Copyright (c) 2015-present Dan Abramov

Copyright (c) 2013-present, Facebook, Inc.

Copyright 2015, Yahoo! Inc.

----- Dependency

react-resizable@1.11.1

----- Copyrights

Copyright (c) 2016-2018 Samuel Reed

Copyright (c) 2017 Jed Watson.

----- Dependency

react-sizeme@2.6.12

----- Copyrights

Copyright (c) 2016 Sean Matheson

----- Dependency

react-split-pane@0.1.89

----- Copyrights

Copyright (c) 2015 tomkp

----- Dependency

react-style-proptype@3.2.2

----- Copyrights

Copyright 2016 Frankie Bagnardi <f.bagnardi@gmail.com>

----- Dependency

react-virtualized-auto-sizer@1.0.2

----- Copyrights

(no copyright notices found)

## Third-Party Notices

---

----- Dependency  
react-window@1.8.5  
----- Copyrights  
Copyright (c) 2018 Brian Vaughn

----- Dependency  
react@17.0.1  
----- Copyrights  
Copyright (c) Facebook, Inc. and its affiliates.

----- Dependency  
readdirp@3.6.0  
----- Copyrights  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller  
(<https://paulmillr.com>)  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller  
(<https://paulmillr.com>)

----- Dependency  
redux-logger@3.0.6  
----- Copyrights  
Copyright (c) 2016 Eugene Rodionov

----- Dependency  
redux-thunk@2.3.0  
----- Copyrights  
Copyright (c) 2015-present Dan Abramov

----- Dependency  
redux@4.0.5  
----- Copyrights  
Copyright (c) 2015-present Dan Abramov

----- Dependency  
regenerator-runtime@0.13.3  
----- Copyrights  
Copyright (c) 2014-present, Facebook, Inc.

----- Dependency  
regenerator-runtime@0.13.9  
----- Copyrights  
Copyright (c) 2014-present, Facebook, Inc.

----- Dependency  
registry-auth-token@3.4.0  
----- Copyrights  
Copyright (c) 2016 Espen Hovlandsdal

----- Dependency  
registry-url@3.1.0  
----- Copyrights  
Copyright (c) Sindre Sorhus <[sindresorhus@gmail.com](mailto:sindresorhus@gmail.com)> ([sindresorhus.com](https://sindresorhus.com))

----- Dependency  
reselect@4.0.0  
----- Copyrights

---

Copyright (c) 2015-2018 Reselect Contributors

----- Dependency  
resize-observer-polyfill@1.5.1

----- Copyrights  
Copyright (c) 2016 Denis Rul

----- Dependency  
resolve-from@4.0.0  
----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
resolve@1.22.0  
----- Copyrights  
Copyright (c) 2012 James Halliday

----- Dependency  
restructured@0.0.11  
----- Copyrights  
(no copyright notices found)

----- Dependency  
rst2html@1.0.4  
----- Copyrights  
Copyright (c) 2017 Troy Howard

----- Dependency  
rtl-css-js@1.15.0  
----- Copyrights  
Copyright (c) 2017 Kent C. Dodds

----- Dependency  
safe-buffer@5.1.2  
----- Copyrights  
Copyright (c) Feross Aboukhadijeh

----- Dependency  
safer-buffer@2.1.2  
----- Copyrights  
Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

----- Dependency  
scheduler@0.20.2  
----- Copyrights  
Copyright (c) Facebook, Inc. and its affiliates.

----- Dependency  
schema-utils@3.1.1  
----- Copyrights  
Copyright JS Foundation and other contributors

----- Dependency  
screenfull@5.2.0  
----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

## Third-Party Notices

---

```
----- Dependency
search-query-parser@1.5.4
----- Copyrights
Copyright (c) 2014 retraceio
Copyright (c) 2014
Copyright(c) 2014-2019
Copyright(c) 2011 TJ Holowaychuk <tj@vision-media.ca>

----- Dependency
selection-is-backward@1.0.0
----- Copyrights
  (no copyright notices found)

----- Dependency
semver-diff@2.1.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
shallowequal@1.1.0
----- Copyrights
Copyright (c) 2017 Alberto Leal <mailforalberto@gmail.com>
(github.com/dashed)

----- Dependency
shebang-command@1.2.0
----- Copyrights
Copyright (c) Kevin Martensson <kevinmartensson@gmail.com>
(github.com/kevva)

----- Dependency
shebang-regex@1.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
slate-base64-serializer@0.2.115
----- Copyrights
Copyright &copy; 2016-2017, [Ian Storm Taylor] (https://ianstormtaylor.com)

----- Dependency
slate-dev-environment@0.2.5
----- Copyrights
Copyright &copy; 2016-2017, [Ian Storm Taylor] (https://ianstormtaylor.com)

----- Dependency
slate-hotkeys@0.2.11
----- Copyrights
  (no copyright notices found)

----- Dependency
slate-plain-serializer@0.7.10
----- Copyrights
Copyright &copy; 2016-2017, [Ian Storm Taylor] (https://ianstormtaylor.com)
```

```
----- Dependency
slate-prop-types@0.5.44
----- Copyrights
Copyright &copy; 2016ñ2017, [Ian Storm Taylor] (https://ianstormtaylor.com)

----- Dependency
slate-react-placeholder@0.2.9
----- Copyrights
Copyright &copy; 2016ñ2017, [Ian Storm Taylor] (https://ianstormtaylor.com)

----- Dependency
slate@0.47.8
----- Copyrights
Copyright &copy; 2016ñ2017, [Ian Storm Taylor] (https://ianstormtaylor.com)
Copyright (c) 2014-2017, Jon Schlinkert.

----- Dependency
source-map-support@0.5.21
----- Copyrights
Copyright (c) 2014 Evan Wallace

----- Dependency
sourcemap-codec@1.4.8
----- Copyrights
Copyright (c) 2015 Rich Harris

----- Dependency
stack-generator@2.0.5
----- Copyrights
Copyright (c) 2017 Eric Wendelin and other contributors

----- Dependency
stackframe@1.2.1
----- Copyrights
Copyright (c) 2017 Eric Wendelin and other contributors

----- Dependency
stacktrace-gps@3.0.4
----- Copyrights
Copyright (c) 2017 Eric Wendelin and other contributors

----- Dependency
stacktrace-js@2.0.2
----- Copyrights
Copyright (c) 2017 Eric Wendelin and other contributors
@copyright Copyright (c) 2014 Yehuda Katz, Tom Dale, Stefan Penner and
contributors (Conversion to ES6 API by Jake Archibald)
JSON v3.3.2 | http://bestiejs.github.io/json3 | Copyright 2012-2014, Kit
Cambridge | http://kit.mit-license.org */
Copyright 2011 Mozilla Foundation and contributors
Copyright 2011 The Closure Compiler Authors. All rights reserved.

----- Dependency
string-width@2.1.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
```

## Third-Party Notices

---

```
----- Dependency
stringifier@1.4.0
----- Copyrights
Copyright (c) 2014-2018 Takuto Wada
copyright: '@ 2018 Denis Pushkarev (zloirock.ru)'
Copyright (c) 2014-2016 Takuto Wada

----- Dependency
strip-ansi@4.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
strip-eof@1.0.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
strip-json-comments@2.0.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
stylis@4.1.1
----- Copyrights
Copyright (c) 2016-present Sultan Tarimo

----- Dependency
supports-color@5.5.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
supports-color@8.1.1
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>
(https://sindresorhus.com)

----- Dependency
supports-preserve-symlinks-flag@1.0.0
----- Copyrights
Copyright (c) 2022 Inspect JS

----- Dependency
symbol-observable@1.2.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)
Copyright (c) Ben Lesh <ben@benlesh.com>

----- Dependency
tapable@2.2.1
----- Copyrights
Copyright JS Foundation and other contributors

----- Dependency
```

---

```
term-size@1.2.0
----- Copyrights
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency
terser-webpack-plugin@5.3.1
----- Copyrights
Copyright JS Foundation and other contributors

----- Dependency
tether-drop@1.5.0
----- Copyrights
Copyright (c) 2013 HubSpot, Inc.
Copyright © 2015 HubSpot - [MIT License](LICENSE)
Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors
Copyright 2012 jQuery Foundation and other contributors

----- Dependency
tether@1.4.7
----- Copyrights
Copyright (c) 2014-2017 HubSpot, Inc.
Copyright © 2014-2017 HubSpot - [MIT License](LICENSE)
Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors
Copyright 2012 jQuery Foundation and other contributors
Copyright (c) 2011 Harvest http://getharvest.com

----- Dependency
throttle-debounce@2.3.0
----- Copyrights
Copyright (c) 2010 ""Cowboy"" Ben Alman
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
Original module license:** Copyright (c) 2010 ""Cowboy"" Ben Alman (Dual
licensed under the MIT and GPL licenses.
http://benalman.com/about/license/)

----- Dependency
timed-out@4.0.1
----- Copyrights
Copyright (c) Vsevolod Strukchinsky <floatdrop@gmail.com>

----- Dependency
timsort@0.3.0
----- Copyrights
Copyright (c) 2015 Marco Ziccardi

----- Dependency
tiny-emitter@2.1.0
----- Copyrights
Copyright (c) 2017 Scott Corgan

----- Dependency
tiny-invariant@1.2.0
----- Copyrights
Copyright (c) 2019 Alexander Reardon

----- Dependency
```

## Third-Party Notices

---

tiny-warning@0.0.3  
----- Copyrights  
Copyright (c) 2019 Alexander Reardon

----- Dependency  
tinycolor2@1.4.1  
----- Copyrights  
Copyright (c), Brian Grinstead, <http://briangrinstead.com>  
Copyright 2005, 2012 jQuery Foundation, Inc. and other contributors  
Copyright 2012 jQuery Foundation and other contributors  
jsDump Copyright (c) 2008 Ariel Flesler - [aflesler\(at\)gmail\(dot\)com](mailto:aflesler(at)gmail(dot)com) |

----- Dependency  
to-fast-properties@2.0.0  
----- Copyrights  
Copyright (c) 2014 Petka Antonov

----- Dependency  
to-regexp-range@5.0.1  
----- Copyrights  
Copyright (c) 2015-present, Jon Schlinkert.  
Copyright © 2019, [Jon Schlinkert] (<https://github.com/jonschlinkert>).

----- Dependency  
toggle-selection@1.0.6  
----- Copyrights  
Copyright (c) 2017 sudodoki <[smd.deluzion@gmail.com](mailto:smd.deluzion@gmail.com)>

----- Dependency  
traverse@0.6.6  
----- Copyrights  
Copyright 2010 James Halliday ([mail@substack.net](mailto:mail@substack.net))

----- Dependency  
type-of@2.0.1  
----- Copyrights  
Copyright (c) 2013 Forbes Lindesay

----- Dependency  
undefsafe@2.0.5  
----- Copyrights  
Copyright © 2016 Remy Sharp, <http://remysharp.com> <[remy@remysharp.com](mailto:remy@remysharp.com)>

----- Dependency  
unique-string@1.0.0  
----- Copyrights  
Copyright (c) Sindre Sorhus <[sindresorhus@gmail.com](mailto:sindresorhus@gmail.com)> ([sindresorhus.com](http://sindresorhus.com))

----- Dependency  
unist-util-map@1.0.5  
----- Copyrights  
Copyright (c) 2016azu

----- Dependency  
universal-deep-strict-equal@1.2.2  
----- Copyrights

---

Copyright (c) 2009 Thomas Robinson <280north.com>

----- Dependency  
unzip-response@2.0.1

----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
url-parse-lax@1.0.0

----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
use-memo-one@1.1.2

----- Copyrights  
Copyright (c) 2019 Alexander Reardon

----- Dependency  
uuid@8.3.0

----- Copyrights  
Copyright (c) 2010-2020 Robert Kieffer and other contributors  
Copyright 2011, Sebastian Tschan  
Version 2.2 Copyright (C) Paul Johnston 1999 - 2009

----- Dependency  
warning@4.0.3

----- Copyrights  
Copyright (c) 2013-present, Facebook, Inc.  
Copyright (c) 2014-present, Facebook, Inc.

----- Dependency  
watchpack@2.3.1

----- Copyrights  
Copyright JS Foundation and other contributors

----- Dependency  
webpack-sources@3.2.3

----- Copyrights  
Copyright (c) 2017 JS Foundation and other contributors

----- Dependency  
webpack@5.72.0

----- Copyrights  
Copyright JS Foundation and other contributors

----- Dependency  
whatwg-fetch@3.1.0

----- Copyrights  
Copyright (c) 2014-2016 GitHub, Inc.

----- Dependency  
widest-line@2.0.1

----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency

## Third-Party Notices

---

xdg-basedir@3.0.0  
----- Copyrights  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Dependency  
xtend@4.0.2  
----- Copyrights  
Copyright (c) 2012-2014 Raynos.

----- Dependencies Summary  
@babel/code-frame@7.16.7  
@babel/helper-module-imports@7.16.7  
@babel/helper-validator-identifier@7.16.7  
@babel/highlight@7.17.9  
@babel/runtime@7.17.9  
@babel/types@7.17.0  
@emotion/cache@10.0.29  
@emotion/core@10.0.27  
@emotion/css@10.0.27  
@emotion/hash@0.8.0  
@emotion/memoize@0.7.4  
@emotion/serialize@0.11.16  
@emotion/sheet@0.9.4  
@emotion/stylis@0.8.5  
@emotion/unitless@0.7.5  
@emotion/utils@0.11.3  
@emotion/weak-memoize@0.2.5  
@grafana/slate-react@0.22.9-grafana  
@popperjs/core@2.5.4  
@reduxjs/toolkit@1.5.0  
@torkelo/react-select@3.0.8  
@webassemblyjs/ast@1.11.1  
@webassemblyjs/floating-point-hex-parser@1.11.1  
@webassemblyjs/helper-api-error@1.11.1  
@webassemblyjs/helper-buffer@1.11.1  
@webassemblyjs/helper-numbers@1.11.1  
@webassemblyjs/helper-wasm-bytecode@1.11.1  
@webassemblyjs/helper-wasm-section@1.11.1  
@webassemblyjs/ieee754@1.11.1  
@webassemblyjs/utf8@1.11.1  
@webassemblyjs/wasm-edit@1.11.1  
@webassemblyjs/wasm-gen@1.11.1  
@webassemblyjs/wasm-opt@1.11.1  
@webassemblyjs/wasm-parser@1.11.1  
@webassemblyjs/wast-printer@1.11.1  
@welldone-software/why-did-you-render@4.0.6  
@xobotyi/scrollbar-width@1.9.4  
abortcontroller-polyfill@1.4.0  
acorn-es7-plugin@1.1.7  
acorn-import-assertions@1.8.0  
acorn@5.7.4  
acorn@8.7.0  
add-dom-event-listener@1.1.0  
ajv-keywords@3.5.2  
ajv@6.12.6  
angular-bindonce@0.3.1

---

angular-route@1.8.2  
angular-sanitize@1.8.2  
angular@1.8.2  
ansi-regex@3.0.1  
ansi-styles@3.2.1  
antlr4@4.10.1  
array-filter@1.0.0  
array-tree-filter@2.1.0  
babel-plugin-emotion@10.2.2  
babel-plugin-macros@2.8.0  
babel-plugin-syntax-jsx@6.18.0  
balanced-match@1.0.2  
baron@3.0.3  
batch-processor@1.0.0  
binary-extensions@2.2.0  
boxen@1.3.0  
brace-expansion@1.1.11  
brace@0.11.1  
braces@3.0.2  
browserslist@4.20.2  
buffer-from@1.1.2  
calculate-size@1.1.1  
call-signature@0.0.2  
callsites@3.1.0  
camelcase@4.1.0  
capture-stack-trace@1.0.1  
centrifuge@2.8.4  
chalk@2.4.2  
chrome-trace-event@1.0.3  
ci-info@1.6.0  
classnames@2.2.6  
cli-boxes@1.0.0  
clipboard@2.0.4  
clsx@1.1.1  
color-convert@1.9.3  
color-name@1.1.3  
commander@2.20.3  
common-tags@1.8.2  
concat-map@0.0.1  
convert-source-map@1.8.0  
copy-to-clipboard@3.3.1  
core-js@2.6.12  
core-js@3.6.4  
cosmiconfig@6.0.0  
create-emotion@10.0.27  
create-error-class@3.0.2  
cross-spawn@5.1.0  
crypto-random-string@1.0.0  
css-box-model@1.2.1  
css-in-js-utils@2.0.1  
css-tree@1.1.3  
csstype@2.6.20  
csstype@3.0.11  
d3-geo@1.12.1  
d3-voronoi@1.1.4  
dangerously-set-html-content@1.0.6

debounce-promise@3.1.2  
debug@3.2.7  
deep-diff@0.3.8  
deep-extend@0.6.0  
define-properties@1.1.4  
direction@0.1.5  
dom-align@1.12.2  
dom-helpers@5.2.1  
dot-prop@4.2.1  
eastasianwidth@0.2.0  
element-resize-detector@1.2.4  
emitter-component@1.1.1  
emotion@10.0.27  
empower-core@1.2.0  
empower@1.3.1  
enhanced-resolve@5.9.3  
error-ex@1.3.2  
error-stack-parser@2.0.7  
es-module-lexer@0.9.3  
escalade@3.1.1  
escape-string-regexp@1.0.5  
espurify@1.8.1  
esrever@0.2.0  
eventemitter3@4.0.0  
events@3.3.0  
execa@0.7.0  
fast-deep-equal@3.1.3  
fast-json-stable-stringify@2.1.0  
fast-memoize@2.5.2  
fastest-stable-stringify@2.0.2  
file-saver@2.0.2  
fill-range@7.0.1  
function-bind@1.1.1  
get-document@1.0.0  
get-intrinsic@1.1.1  
get-stream@3.0.0  
get-window@1.1.2  
github.com/BurntSushi/toml  
github.com/FZambia/eagle  
github.com/VividCortex/mysqlerr  
github.com/benbjohnson/clock  
github.com/beorn7/perks  
github.com/blang/semver  
github.com/centrifugal/centrifuge  
github.com/centrifugal/protocol  
github.com/cespare/xxhash  
github.com/cespare/xxhash/v2  
github.com/cheekybits/genny  
github.com/cpuguy83/go-md2man/v2  
github.com/dustin/go-humanize  
github.com/facebookgo/inject  
github.com/fatih/color  
github.com/felixge/httpsnoop  
github.com/gchaincl/sqlhooks  
github.com/go-kit/kit  
github.com/go-logfmt/logfmt

---

github.com/go-stack/stack  
github.com/gobwas/glob  
github.com/hashicorp/go-hclog  
github.com/influxdata/influxdb-client-go/v2  
github.com/influxdata/line-protocol  
github.com/jpillora/backoff  
github.com/json-iterator/go  
github.com/jung-kurt/gofpdf  
github.com/lib/pq  
github.com/mattetti/filebuffer  
github.com/mattn/go-colorable  
github.com/mattn/go-isatty  
github.com/mattn/go-runewidth  
github.com/mattn/go-sqlite3  
github.com/mitchellh/go-testing-interface  
github.com/olekukonko/tablewriter  
github.com/patrickmn/go-cache  
github.com/robfig/cron  
github.com/robfig/cron/v3  
github.com/shurcooL/sanitized\_anchor\_name  
github.com/sirupsen/logrus  
github.com/stretchr/objx  
github.com/stretchr/testify  
github.com/teris-io/shortid  
github.com/urfave/cli/v2  
github.com/yudai/gojsondiff  
github.com/yudai/golcs  
global-dirs@0.1.1  
go.uber.org/atomic  
go.uber.org/goleak  
gopkg.in/asn1-ber.v1  
gopkg.in/ldap.v3  
gopkg.in/mail.v2  
gopkg.in/yaml.v3  
got@6.7.1  
hammerjs@2.0.8  
has-flag@3.0.0  
has-flag@4.0.0  
has-property-descriptors@1.0.0  
has-symbols@1.0.3  
has@1.0.3  
highlight-words-core@1.2.2  
iconv-lite@0.4.24  
immer@8.0.4  
immutable@3.8.2  
import-fresh@3.3.0  
import-lazy@2.1.0  
imurmurhash@0.1.4  
indexof@0.0.1  
inline-style-prefixer@6.0.1  
invariant@2.2.4  
is-arrayish@0.2.1  
is-binary-path@2.1.0  
is-buffer@1.1.6  
is-ci@1.2.1  
is-core-module@2.9.0

## Third-Party Notices

---

is-extglob@2.1.1  
is-fullwidth-code-point@2.0.0  
is-glob@4.0.3  
is-hotkey@0.1.4  
is-hotkey@0.1.6  
is-in-browser@1.1.3  
is-installed-globally@0.1.0  
is-npm@1.0.0  
is-number@7.0.0  
is-obj@1.0.1  
is-path-inside@1.0.1  
is-plain-object@2.0.4  
is-redirect@1.0.0  
is-retry-allowed@1.2.0  
is-stream@1.1.0  
is-window@1.0.2  
isobject@3.0.1  
isomorphic-base64@1.0.2  
jest-worker@27.5.1  
jquery@3.5.1  
js-cookie@2.2.1  
js-tokens@4.0.0  
json-parse-better-errors@1.0.2  
json-parse-even-better-errors@2.3.1  
json-schema-traverse@0.4.1  
jsurl@0.1.5  
latest-version@3.1.0  
lines-and-columns@1.2.4  
loader-runner@4.3.0  
lodash.isequal@4.5.0  
lodash@4.17.21  
loose-envify@1.4.0  
lowercase-keys@1.0.1  
make-dir@1.3.0  
memoize-one@4.0.3  
memoize-one@5.1.1  
merge-stream@2.0.0  
mime-db@1.52.0  
mime-types@2.1.35  
minimist@1.2.6  
moment-timezone@0.5.28  
moment@2.24.0  
ms@2.1.3  
neo-async@2.6.2  
node-releases@2.0.3  
nodemon@2.0.2  
nopt@1.0.10  
normalize-path@3.0.0  
npm-run-path@2.0.2  
object-assign@4.1.1  
object-keys@1.1.1  
p-finally@1.0.0  
package-json@4.0.1  
papaparse@5.3.0  
parent-module@1.0.1  
parse-json@5.2.0

---

path-is-inside@1.0.2  
path-key@2.0.1  
path-parse@1.0.7  
path-type@4.0.0  
performance-now@2.1.0  
picomatch@2.3.1  
pify@3.0.0  
power-assert-context-formatter@1.2.0  
power-assert-context-reducer-ast@1.2.0  
power-assert-context-traversal@1.2.0  
power-assert-formatter@1.4.1  
power-assert-renderer-assertion@1.2.0  
power-assert-renderer-base@1.1.1  
power-assert-renderer-comparison@1.2.0  
power-assert-renderer-diagram@1.2.0  
power-assert-renderer-file@1.2.0  
power-assert-util-string-width@1.2.0  
power-assert@1.6.1  
prepend-http@1.0.4  
prismjs@1.21.0  
prop-types@15.7.2  
propagating-hammerjs@1.5.0  
punycode@2.1.1  
raf-schd@4.0.3  
raf@3.4.1  
randombytes@2.1.0  
rc-align@4.0.11  
rc-cascader@1.0.1  
rc-motion@1.1.2  
rc-trigger@4.4.3  
rc-util@4.21.1  
rc-util@5.21.0  
re-resizable@6.9.8  
react-dom@17.0.1  
react-draggable@4.4.4  
react-fast-compare@3.2.0  
react-grid-layout@1.2.0  
react-highlight-words@0.16.0  
react-immutable-proptypes@2.2.0  
react-input-autosize@2.2.2  
react-is@16.13.1  
react-lifecycles-compat@3.0.4  
react-loadable@5.5.0  
react-popper@2.2.4  
react-redux@7.2.0  
react-resizable@1.11.1  
react-sizeme@2.6.12  
react-split-pane@0.1.89  
react-style-proptype@3.2.2  
react-virtualized-auto-sizer@1.0.2  
react-window@1.8.5  
react@17.0.1  
readdirp@3.6.0  
redux-logger@3.0.6  
redux-thunk@2.3.0  
redux@4.0.5

## Third-Party Notices

---

regenerator-runtime@0.13.3  
regenerator-runtime@0.13.9  
registry-auth-token@3.4.0  
registry-url@3.1.0  
reselect@4.0.0  
resize-observer-polyfill@1.5.1  
resolve-from@4.0.0  
resolve@1.22.0  
restructured@0.0.11  
rst2html@1.0.4  
rtl-css-js@1.15.0  
safe-buffer@5.1.2  
safer-buffer@2.1.2  
scheduler@0.20.2  
schema-utils@3.1.1  
screenfull@5.2.0  
search-query-parser@1.5.4  
selection-is-backward@1.0.0  
semver-diff@2.1.0  
shallowequal@1.1.0  
shebang-command@1.2.0  
shebang-regex@1.0.0  
slate-base64-serializer@0.2.115  
slate-dev-environment@0.2.5  
slate-hotkeys@0.2.11  
slate-plain-serializer@0.7.10  
slate-prop-types@0.5.44  
slate-react-placeholder@0.2.9  
slate@0.47.8  
source-map-support@0.5.21  
sourcemap-codec@1.4.8  
stack-generator@2.0.5  
stackframe@1.2.1  
stacktrace-gps@3.0.4  
stacktrace-js@2.0.2  
string-width@2.1.1  
stringifier@1.4.0  
strip-ansi@4.0.0  
strip-eof@1.0.0  
strip-json-comments@2.0.1  
stylis@4.1.1  
supports-color@5.5.0  
supports-color@8.1.1  
supports-preserve-symlinks-flag@1.0.0  
symbol-observable@1.2.0  
tapable@2.2.1  
term-size@1.2.0  
terser-webpack-plugin@5.3.1  
tether-drop@1.5.0  
tether@1.4.7  
throttle-debounce@2.3.0  
timed-out@4.0.1  
timsort@0.3.0  
tiny-emitter@2.1.0  
tiny-invariant@1.2.0  
tiny-warning@0.0.3

```

tinycolor2@1.4.1
to-fast-properties@2.0.0
to-regexp-range@5.0.1
toggle-selection@1.0.6
traverse@0.6.6
type-of@2.0.1
undefsafe@2.0.5
unique-string@1.0.0
unist-util-map@1.0.5
universal-deep-strict-equal@1.2.2
unzip-response@2.0.1
url-parse-lax@1.0.0
use-memo-one@1.1.2
uuid@8.3.0
warning@4.0.3
watchpack@2.3.1
webpack-sources@3.2.3
webpack@5.72.0
whatwg-fetch@3.1.0
widest-line@2.0.1
xdg-basedir@3.0.0
xtend@4.0.2

```

----- License used by Dependencies

SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/go-sql-driver/mysql

----- Copyrights

Copyright 2018 The Go-MYSQL-Driver Authors. All rights reserved.

Copyright 2013 The Go-MYSQL-Driver Authors. All rights reserved.

Copyright 2014 The Go-MYSQL-Driver Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2019 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2012 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2016 The Go-MYSQL-Driver Authors. All rights reserved.  
Copyright 2017 The Go-MYSQL-Driver Authors. All rights reserved.

----- Dependency  
github.com/gosimple/slug

----- Copyrights  
Copyright 2013 by Dobroslaw Zybort. All rights reserved.

----- Dependencies Summary  
github.com/go-sql-driver/mysql  
github.com/gosimple/slug

----- License used by Dependencies  
SPDX:MPL-2.0  
Mozilla Public License Version 2.0  
=====

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

-----  
This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

----- Dependencies Grouped by License -----

----- Dependency  
hoist-non-react-statics@3.3.2  
----- Copyrights  
Copyright (c) 2015, Yahoo! Inc. All rights reserved.  
Copyright 2015, Yahoo! Inc.

----- Dependencies Summary  
hoist-non-react-statics@3.3.2

----- License used by Dependencies  
Software License Agreement (BSD License)  
=====

Copyright (c) 2015, Yahoo! Inc. All rights reserved.  
-----

Redistribution and use of this software in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of Yahoo! Inc. nor the names of YUI's contributors may be

used to endorse or promote products derived from this software without specific prior written permission of Yahoo! Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

terser@5.12.1

----- Copyrights

Copyright 2012-2018 (c) Mihai Bazon <mihai.bazon@gmail.com>

Copyright 2012 (c) Mihai Bazon <mihai.bazon@gmail.com>

----- Dependencies Summary

terser@5.12.1

----- License used by Dependencies

Terser is released under the BSD license:

Copyright 2012-2018 (c) Mihai Bazon <mihai.bazon@gmail.com>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AS IS AND ANY

## Third-Party Notices

---

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Dependencies Grouped by License -----
----- Dependency
chokidar@3.5.3
----- Copyrights
Copyright (c) 2012-2019 Paul Miller (https://paulmillr.com), Elan Shanker

----- Dependencies Summary
chokidar@3.5.3

----- License used by Dependencies
The MIT License (MIT)
```

Copyright (c) 2012-2019 Paul Miller (https://paulmillr.com), Elan Shanker

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- Dependencies Grouped by License -----
----- Dependency
type-name@2.0.2
----- Copyrights
Copyright (c) 2014-2016 Takuto Wada, https://github.com/twada/type-name
```

---

Copyright (c) 2014-2016 Takuto Wada

----- Dependencies Summary  
type-name@2.0.2

----- License used by Dependencies  
The MIT License (MIT)

Copyright (c) 2014-2016 Takuto Wada, <https://github.com/twada/type-name>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----  
----- Dependency  
pstree.remy@1.1.8  
----- Copyrights  
Copyright © 2019 Remy Sharp, <https://remysharp.com> <remy@remysharp.com>

----- Dependencies Summary  
pstree.remy@1.1.8

----- License used by Dependencies  
The MIT License (MIT)

Copyright © 2019 Remy Sharp, <https://remysharp.com> <remy@remysharp.com>  
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING

## Third-Party Notices

---

FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

delegate@3.2.0

----- Copyrights

Copyright © 2022 Zeno Rocha <hi@zenorocha.com>

----- Dependency

good-listener@1.2.2

----- Copyrights

Copyright © 2022 Zeno Rocha <hi@zenorocha.com>

----- Dependency

select@1.1.2

----- Copyrights

Copyright © 2022 Zeno Rocha <hi@zenorocha.com>

----- Dependencies Summary

delegate@3.2.0

good-listener@1.2.2

select@1.1.2

----- License used by Dependencies

The MIT License (MIT)

Copyright © 2022 Zeno Rocha <hi@zenorocha.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Dependencies Grouped by License -----

----- Dependency

fast-shallow-equal@1.0.0

----- Copyrights

(no copyright notices found)

----- Dependency

nano-css@5.3.4

---

```
----- Copyrights
  (no copyright notices found)
```

```
----- Dependency
react-use@13.27.0
```

```
----- Copyrights
  (no copyright notices found)
```

```
----- Dependency
ts-easing@0.2.0
```

```
----- Copyrights
  (no copyright notices found)
```

```
----- Dependencies Summary
```

```
fast-shallow-equal@1.0.0
nano-css@5.3.4
react-use@13.27.0
ts-easing@0.2.0
```

```
----- License used by Dependencies
```

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<https://unlicense.org>>

```
----- Dependencies Grouped by License -----
```

```
----- Dependency
```

```
set-harmonic-interval@1.0.1
```

```
----- Copyrights
```

```
  (no copyright notices found)
```

```
----- Dependencies Summary
```

```
set-harmonic-interval@1.0.1
```

```
----- License used by Dependencies
```

## Third-Party Notices

---

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<https://unlicense.org>>

----- Dependencies Grouped by License -----

----- Dependency

protobufjs@6.11.2

----- Copyrights

Copyright (c) 2016, Daniel Wirtz All rights reserved.

Copyright (c) 2016 Chad Engler

Copyright 2014, Google Inc. All rights reserved.

----- Dependencies Summary

protobufjs@6.11.2

----- License used by Dependencies

This license applies to all parts of protobuf.js except those files either explicitly including or referencing a different license or located in a directory containing a different LICENSE file.

---

Copyright (c) 2016, Daniel Wirtz All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of its author, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

Code generated by the command line utilities is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

----- Dependencies Grouped by License -----

----- Dependency

abbrev@1.1.1

----- Copyrights

Copyright (c) Isaac Z. Schlueter and Contributors

Copyright Isaac Z. Schlueter and Contributors

----- Dependencies Summary

abbrev@1.1.1

----- License used by Dependencies

This software is dual-licensed under the ISC and MIT licenses.

You may use this software under EITHER of the following licenses.

-----

The ISC License

Copyright (c) Isaac Z. Schlueter and Contributors

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

-----

Copyright Isaac Z. Schlueter and Contributors

## Third-Party Notices

---

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

ATTRIBUTION-HELPER-GENERATED:

License file based on go.mod with md5 sum:

b240516d3dc9677d327cbb969e6ac12a

"

**Graham Barr,Date::Parse,2.33,**

"TOP-LEVEL copyright for Date::Parse

Copyright (c) 1995-2009 Graham Barr. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Date::Parse

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

## Third-Party Notices

---

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

## Third-Party Notices

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

## Third-Party Notices

---

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Graham Barr, Authen::SASL, 2.17,**  
"TOP-LEVEL copyright for Authen::SASL

Copyright (c) 2023 Erik Huelmann  
Copyright (c) 1998-2005 Graham Barr.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Authen::SASL

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

## Third-Party Notices

---

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

- b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

## Third-Party Notices

---

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

```
FOURTH-PARTY DEPENDENCY #1 Digest::HMAC_MD5
== License Type
Perl
```

```
== Copyright Notices
This software is copyright (c) 2021 by Andrew Rodland.
```

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Digest::MD5

== License Type

Perl

== Copyright Notices

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1990-1992 RSA Data Security, Inc.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Digest::base

== License Type

Perl

== Copyright Notices

Copyright 1998-2006 Gisle Aas.

Copyright 1995,1996 Neil Winton.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Exporter

---

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Data::Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea  
of base.pm, which was introduced with Perl 5.004\_04. This module is  
released under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights  
reserved. This program is free software; you can redistribute it and/or  
modify it under the same terms as Perl itself.  
Additionally ""weaken"" and ""isweak"" which are  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.  
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #16 XSLoader

== License Type
Perl

== Copyright Notices
Copyright (C) 1990-2011 by Larry Wall and others.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #17 Cwd

== License Type
Perl

== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.

-----separator-----
FOURTH-PARTY DEPENDENCY #18 Pod::Escapes

== License Type
Perl

== Copyright Notices
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
Portions of the data tables in this module are derived from the entity
declarations in the W3C XHTML specification.
Currently (October 2001), that's these three:
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent

-----separator-----
FOURTH-PARTY DEPENDENCY #19 if

== License Type
Perl

== Copyright Notices
This software is copyright (c) 2002 by Ilya Zakharevich.
```

## Third-Party Notices

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself."

**Graham Barr, Convert::ASN1, 0.34,**

"TOP-LEVEL copyright for Convert::ASN1

Copyright (c) 2000-2012 Graham Barr <gbarr@cpan.org>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Convert::ASN1

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the

following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid

## Third-Party Notices

---

anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all

third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

## Third-Party Notices

---

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

## Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the

## Third-Party Notices

---

program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---"  
**Graham Barr, IO::Socket::INET6, 2.73,**  
"TOP-LEVEL copyright for IO::Socket::INET6

Copyright (c) 2003- Rafael Martinez Torres <rafael.martinez@novagnet.com>.  
Copyright (c) 2003- Euro6IX project.  
Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>.  
All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for IO::Socket::INET6

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

---

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

## Third-Party Notices

---

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this

Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free

## Third-Party Notices

---

software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use

## Third-Party Notices

---

the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED

TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

## Third-Party Notices

---

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #1 Carp
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #2 Exporter
```

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
```

```
== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #4 Encode
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
```

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type

Perl

## == Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

## == License Type

Perl

## == Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

## == License Type

Perl

## == Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

## == License Type

Perl

## == Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #18 Socket

== License Type  
Perl

== Copyright Notices  
No copyright from source.

-----separator-----  
FOURTH-PARTY DEPENDENCY #19 File::Temp

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #21 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #22 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info.

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 Socket6

== License Type  
BSD-3-Clause

Copyright (C) 2000-2018 Hajimu UMEMOTO <ume@mahoroba.org>.  
All rights reserved.

Socket6.pm and Socket6.xs are based on perl5.005\_55-v6-19990721  
written by KAME Project.

gai.h, getaddrinfo.c and getnameinfo.c are based on  
ssh-1.2.27-IPv6-1.5 written by KIKUCHI Takahiro  
<kick@kyoto.wide.ad.jp>.

Copyright (C) 1995, 1996, 1997, 1998, and 1999 WIDE Project.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

1. Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.
3. Neither the name of the project nor the names of its contributors  
may be used to endorse or promote products derived from this software  
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE PROJECT AND CONTRIBUTORS ``AS IS'' AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE PROJECT OR CONTRIBUTORS BE LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

## Third-Party Notices

---

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright Notices

Copyright (C) 2000-2018 Hajimu UMEMOTO <ume@mahoroba.org>.  
All rights reserved.

Socket6.pm and Socket6.xs are based on perl5.005\_55-v6-19990721  
written by KAME Project.

gai.h, getaddrinfo.c and getnameinfo.c are based on  
ssh-1.2.27-IPv6-1.5 written by KIKUCHI Takahiro  
<kick@kyoto.wide.ad.jp>.

Copyright (C) 1995, 1996, 1997, 1998, and 1999 WIDE Project.  
All rights reserved.

-----separator-----

"

**Grant McLean,XML::Simple,2.25,**  
"TOP-LEVEL copyright XML::Simple

Copyright 1999-2004 Grant McLean <grantm@cpan.org>

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license XML::Simple

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds

---

definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

## Third-Party Notices

---

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each

licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of

Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

## NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

## Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

## Third-Party Notices

---

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 XML::NamespaceSupport

```
== License Type
Perl
```

```
== Copyright Notices
```

```
This software is copyright (c) 2015 by Robin Berjon.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 XML::SAX

```
== License Type
Perl
```

```
== Copyright Notices
```

```
This is free software, you may use it and distribute it under the same
terms as Perl itself.
```

---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #3 XML::SAX::Expat

== License Type
Perl

== Copyright Notices
Copyright (c) 2001-2008 Robin Berjon. All rights reserved. This program is
free software; you can redistribute it and/or modify it under the same
terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #4 constant

== License Type
Perl

== Copyright Notices
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #5 File::Temp

== License Type
Perl

== Copyright Notices
This software is copyright (c) 2020 by Tim Jenness and the UK Particle
Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #6 XML::SAX::Base

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #7 XML::Parser

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #8 Carp
```

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 IO::Seekable

---

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 LWP::UserAgent

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #16 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 ExtUtils::MakeMaker

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #18 Digest::MD5

== License Type  
Perl

== Copyright Notices  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.  
Copyright 1995-1996 Neil Winton.  
Copyright 1991-1992 RSA Data Security, Inc.  
The MD5 algorithm is defined in RFC 1321. This implementation is derived  
from the reference C code in RFC 1321 which is covered by the following  
copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights  
reserved.

License to copy and use this software is granted provided that it is  
identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm"  
in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that  
such works are identified as "derived from the RSA Data Security, Inc.  
MD5 Message-Digest Algorithm" in all material mentioning or referencing  
the derived work.

RSA Data Security, Inc. makes no representations concerning either the  
merchantability of this software or the suitability of this software for  
any particular purpose. It is provided "as is" without express or  
implied warranty of any kind.

These notices must be retained in any copies of any part of this  
documentation and/or software.

This copyright does not prohibit distribution of any version of Perl  
containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----  
FOURTH-PARTY DEPENDENCY #19 Encode::Locale

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #20 File::Listing

== License Type

---

Perl

== Copyright Notices

This software is copyright (c) 1996-2020 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Getopt::Long

== License Type

Perl Artistic License or GNU General Public License

== Copyright Notices

This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 HTML::Entities

== License Type

Perl

== Copyright Notices

Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 HTML::HeadParser

== License Type

Perl

== Copyright Notices

Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 HTTP::Cookies

== License Type

Perl

## Third-Party Notices

---

### == Copyright Notices

This software is copyright (c) 2002 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 HTTP::Date

### == License Type

Perl

### == Copyright Notices

This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 HTTP::Negotiate

### == License Type

Perl

### == Copyright Notices

Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 HTTP::Request

### == License Type

Perl

### == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 HTTP::Request::Common

### == License Type

Perl

### == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 HTTP::Response

---

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #30 HTTP::Status

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #31 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #32 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #33 LWP::MediaTypes

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Net::FTP

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 Net::HTTP

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #37 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

This software is Copyright (c) 2009 by ØØØØ ØØØ'ØØ (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 URI

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 URI::Escape

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2004 Gisle Aas.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 WWW::RobotRules

== License Type

Perl

== Copyright Notices

Copyright 1995-2009, Gisle Aas

Copyright 1995, Martijn Koster

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 Pod::Man

== License Type

Perl

---

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #45 Digest::base

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #46 Encode::Alias

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #47 Pod::Usage

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #48 HTML::Tagset

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2000 Gisle Aas.

Copyright 2000-2005 Sean M. Burke.

Copyright 2005-2008 Andy Lester.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #49 HTTP::Headers

== License Type  
Perl

## Third-Party Notices

---

### == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #50 IO::File

### == License Type

Perl

### == Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #51 URI::URL

### == License Type

Perl

### == Copyright Notices

Copyright 1998-2000 Gisle Aas.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 HTTP::Headers::Util

### == License Type

Perl

### == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #53 Time::Zone

### == License Type

Perl

### == Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #54 IO::Socket::INET

### == License Type

Perl

### == Copyright Notices

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #55 IO::Uncompress::Gunzip

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #56 base

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #57 Storable

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #58 parent

== License Type
Perl

== Copyright Notices
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea
of base.pm, which was introduced with Perl 5.004_04.

-----separator-----
FOURTH-PARTY DEPENDENCY #59 Pod::Simple

== License Type
Perl

== Copyright Notices
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
```

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #60 Pod::Perldoc

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #61 Clone

== License Type  
Perl

== Copyright Notices  
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #62 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #63 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #64 Compress::Bzip2

---

== License Type  
Perl

== Copyright Notices  
Copyright (C) 2005 by Rob Janes

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.3 or, at your option, any later version of Perl 5 you may have available.

-----separator-----  
FOURTH-PARTY DEPENDENCY #65 Compress::Deflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #66 Compress::Gzip

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #67 IO::HTML

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #68 IO::Uncompress::Inflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #69 IO::Uncompress::RawInflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #70 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notices

Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #71 Net::Domain

== License Type  
Perl

== Copyright Notices

Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #72 XSLoader

== License Type  
Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #73 Pod::Escapes

== License Type  
Perl

---

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #74 Text::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #75 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #76 File::Spec::Functions

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #77 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #78 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #79 Pod::Text

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #80 Text::ParseWords

== License Type  
Perl

== Copyright Notices  
This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #81 Time::Local

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #82 Socket

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

## Third-Party Notices

---

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The

---

General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of

## Third-Party Notices

---

it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable

file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w` and `show c` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Greg Sabino Mullane,DBD::Pg,3.17.0,**  
"TOP-LEVEL copyright for DBD::Pg

Copyright (C) 1994-2022, Greg Sabino Mullane

This module (DBD::Pg) is free software; you can redistribute it and/or modify it under the same terms as Perl 5.10.0. For more details, see the full text of the licenses in the directory LICENSES.

TOP-LEVEL license for DBD::Pg

---Perl Licensing----

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

## Third-Party Notices

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

## Third-Party Notices

---

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

## Third-Party Notices

---

of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

---

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

--- begin GNU GENERAL PUBLIC LICENSE Version 2 ---

```
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
```

```
Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
```

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by

## Third-Party Notices

---

the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of

running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program

with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;  
or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the

Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along

with this program; if not, write to the Free Software Foundation, Inc.,

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

## Third-Party Notices

---

--- end GNU GENERAL PUBLIC LICENSE Version 2 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 DBI

== License Type  
Perl

== Copyright Notices

The DBI module is Copyright (c) 1994-2012 Tim Bunce. Ireland. All rights reserved.

You may distribute under the terms of either the GNU General Public License or the Artistic License, as specified in the Perl 5.10.0 README file.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 version

== License Type  
Perl

== Copyright Notices

This module can be distributed under the same terms as Perl.

Copyright (C) 2004-2018 John Peacock

-----separator-----"

**Ian Robertson, Crypt::OpenSSL::Random, 0.15,**  
"TOP-LEVEL copyright for Crypt::OpenSSL::Random

No copyright provided by the authors or present in source.

TOP-LEVEL license for Crypt::OpenSSL::Random

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script

---

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

## Third-Party Notices

---

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.

- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

## Third-Party Notices

---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which

contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free

Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

## Third-Party Notices

---

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Crypt::OpenSSL::Guess

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) Takumi Akiyama.
```

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself."

JS Foundation and other contributors,jQuery,3.6.1,"

Copyright JS Foundation and other contributors, <https://js.foundation/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the

""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

"

Jarkko Hietaniemi,BSD::Resource,1.2911,"

Copyright 1995-2017 Jarkko Hietaniemi All Rights Reserved.

The Artistic License 2.0

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

## Third-Party Notices

---

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

## Third-Party Notices

---

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

URL for GPL v.2.0 License - <http://www.gnu.org/licenses/old-licenses/gpl-2.0.html>

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term `"modification"`.) Each licensee is addressed as `"you"`.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such

modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in objects code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could

## Third-Party Notices

---

satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs :

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

one line to give the program's name and a brief idea of what it does.  
Copyright (C) <year> <name of author> yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail. If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type ``show w'`. This is free software, and you are welcome to redistribute it under certain conditions; type ``show c'` for details.

## Third-Party Notices

---

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program ``Gnomovision'` (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989  
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

"

**Jay Rogers,Net::Telnet,3.05,**

"TOP-LEVEL copyright for Net::Telnet

Copyright 1997, 2000, 2002, 2013, 2021 by Jay Rogers. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Net::Telnet

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I

---

consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

## Third-Party Notices

---

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a

product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users

## Third-Party Notices

---

at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of

transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means

## Third-Party Notices

---

all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS

TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
```

## Third-Party Notices

---

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

```
Joe Kuan,HighCharts_Sencha,3.2.1,"""Highcharts & Highmaps extensions for
Sencha products are developed & maintained
```

```
by Joe Kuan (kuan.joe@gmail.com)"""
```

```
Johan Dorland,gojsonschema,1.2.0,"
```

```
License
```

Apache

```
Version 2.0, January 2004
http://www.apache.org/licenses/
```

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity

exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2015 xeipuuv

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Top-Level License -----  
-----

----- Copyright -----  
-----

(no copyrights found)

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0

----- (separator) -----  
-----

== Dependency  
github.com/xeipuuv/gojsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )

----- (separator) -----  
-----

== Dependency  
github.com/xeipuuv/gojsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )

----- Licenses -----  
-----  
== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

## Third-Party Notices

---

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted.

If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on

the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

"

**Johan Vromans,Getopt::Long,2.54,**

"TOP-LEVEL copyright for Getopt::Long

This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

TOP-LEVEL license for Getopt::Long

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

## Third-Party Notices

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

## Third-Party Notices

---

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

## Third-Party Notices

---

of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

---

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Pod::Usage

```
== License Type
Perl
```

```
== Copyright Notice
This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.
```

```
This is free software; you can redistribute it and/or modify it under
the same terms as the Perl 5 programming language system itself.
```

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Cwd

```
== License Type
```

## Third-Party Notices

---

Perl

== Copyright Notice

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.  
Portions of the C code in this library are copyright (c) 1994 by the  
Regents of the University of California. All rights reserved. The license  
on this code is compatible with the licensing of the rest of the  
distribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 File::Spec

== License Type

Perl

== Copyright Notice

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Pod::Perldoc

== License Type

Perl

== Copyright Notice

Copyright (c) 2002-2007 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Pod::Simple

== License Type

Perl

== Copyright Notice

Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Pod::Text

== License Type

Perl

== Copyright Notice

---

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>  
This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Carp

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Scalar::Util

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>.  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>  
Copyright (C) 2004, 2008 Matthijs van Duin.  
All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 File::Spec::Functions

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 File::Temp

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #11 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notice  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Exporter

== License Type  
Perl

== Copyright Notice  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Carp::Heavy

== License Type  
Perl

== Copyright Notice  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #14 File::Path

== License Type  
Perl

== Copyright Notice  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 IO::Handle

== License Type  
Perl

== Copyright Notice  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #16 File::Temp

== License Type

---

Perl

== Copyright Notice

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::Select

== License Type

Perl

== Copyright Notice

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Pod::Man

== License Type

Perl

== Copyright Notice

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Pod::Simple::RTF

== License Type

Perl

== Copyright Notice

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Pod::Simple::XMLOutputStream

== License Type

Perl

== Copyright Notice

Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Text::ParseWords

== License Type  
Perl

== Copyright Notice  
No copyright info from source

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Data::Dumper

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Encode

== License Type  
Perl

== Copyright Notice  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>. This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Pod::Man

== License Type  
Perl

== Copyright Notice  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>. This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 IO::Seekable

== License Type  
Perl

---

== Copyright Notice  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #26 constant

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 parent

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea  
of base.pm, which was introduced with Perl 5.004\_04. This module is  
released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Text::Wrap

== License Type  
Perl (Part of base perl distribution. License type is Perl)

== Copyright Notice  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 Storable

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #30 parent

== License Type

Perl

== Copyright Notice

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04. This module is released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 Pod::Simple

== License Type

Perl

== Copyright Notice

Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Pod::Escapes

== License Type

Perl

== Copyright Notice

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 if

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2002 by Ilya Zakharevich. This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 XSLoader

== License Type

Perl

---

== Copyright Notice  
Copyright (C) 1990-2011 by Larry Wall and others.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
"  
**Jonathan Ong and Douglas Christopher Wilson,body-parser,1.20.1,"**

body-parser 2.10.1 is licensed under the MIT license

(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2014-2015 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining  
a copy of this software and associated documentation files (the  
'Software'), to deal in the Software without restriction, including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit persons to whom the Software is furnished to do so, subject to  
the following conditions:

The above copyright notice and this permission notice shall be  
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.  
IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY  
CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT,  
TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE  
SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Fourth party dependencies and its license info

bytes  
(The MIT License)

Copyright (c) 2012-2014 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2015 Jed Watson <jed.watson@me.com>

Permission is hereby granted, free of charge, to any person obtaining  
a copy of this software and associated documentation files (the  
'Software'), to deal in the Software without restriction, including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit persons to whom the Software is furnished to do so, subject to  
the following conditions:

The above copyright notice and this permission notice shall be  
included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
content-type  
(The MIT License)

Copyright (c) 2015 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
debug  
(The MIT License)

Copyright (c) 2014 TJ Holowaychuk <tj@vision-media.ca>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
ms

The MIT License (MIT)

Copyright (c) 2016 Zeit, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
depd

(The MIT License)

Copyright (c) 2014-2018 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

## Third-Party Notices

---

IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
destroy

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jungleberry.com  
Copyright (c) 2015-2022 Douglas Christopher Wilson doug@somethingdoug.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
http-errors

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jungleberry.com  
Copyright (c) 2016 Douglas Christopher Wilson doug@somethingdoug.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
inherits  
The ISC License

Copyright (c) Isaac Z. Schlueter

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

-----  
setprototypeof

Copyright (c) 2015, Wes Todd

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

-----  
statuses

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2016 Douglas Christopher Wilson <doug@somethingdoug.com>

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
toidentifier  
MIT License

Copyright (c) 2016 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

iconv-lite  
Copyright (c) 2011 Alexander Shtuchkin

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
safer-buffer  
The MIT License (MIT)

Copyright (c) Feross Aboukhadijeh

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
on-finished  
(The MIT License)

Copyright (c) 2013 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2014 Douglas Christopher Wilson <doug@somethingdoug.com>

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
ee-first

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jungleberry.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
qs is licensed under the BSD 3-Clause License

BSD 3-Clause License

Copyright (c) 2014, Nathan LaFreniere and other  
[contributors] (<https://github.com/ljharb/qs/graphs/contributors>)

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Depends on side-channel, license follows  
MIT License

Copyright (c) 2019 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Depends on call-bind, license follows  
MIT License

Copyright (c) 2020 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Depends on function-bind, license follows  
Copyright (c) 2013 Raynos.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Depends on get-intrinsic, license follows  
MIT License

Copyright (c) 2020 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Depends on has, license follows  
Copyright (c) 2013 Thiago de Arruda

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following

## Third-Party Notices

---

conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Depends on has-symbols, license follows  
MIT License

Copyright (c) 2016 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Depends on object-inspect, license follows  
MIT License

Copyright (c) 2013 James Halliday

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
raw-body  
The MIT License (MIT)

Copyright (c) 2013-2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2014-2022 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
unpipe  
(The MIT License)

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
type-is  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2014-2015 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
media-typer  
(The MIT License)

Copyright (c) 2014 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
mime-types  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
mime-db

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jungleberry.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

Jonathon Freeman, jquery-ui-picklist, 0.11.0, "

== License

Copyright (c) 2012-2013 Jonathon Freeman <jonathon@awnry.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

Copyright (c) 2012-2013 Jonathon Freeman <jonathon@awnry.com>

"

**Jos Boumans, Archive::Tar, 3.02,**

"TOP-LEVEL copyright for Archive::Tar

This module is copyright (c) 2002 - 2009 Jos Boumans <kane@cpan.org>. All rights reserved.

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Archive::Tar

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some

semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide

---

a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be

## Third-Party Notices

---

construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED ""AS IS"" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a

## Third-Party Notices

---

copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will

be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

--- end of The GNU General Public License, Version 1, February 1989 ---"  
Josh Baker,tidwall&#x2F;pretty,1.2.1,"Copyright (c) 2017 Josh Baker

License Name: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish,

## Third-Party Notices

---

distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE."

**Joshua Keroes,Package::Alias,0.13,**  
"TOP-LEVEL copyright for Package::Alias

This software is copyright (c) 2013 by Joshua Keroes.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Package::Alias

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to

---

provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item.

## Third-Party Notices

---

It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere

---

form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users

## Third-Party Notices

---

at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of

transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means

## Third-Party Notices

---

all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS

TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
```

## Third-Party Notices

---

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally "weaken" and "isweak" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

---

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `"Text::Wrap"` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

- b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these

---

conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the

recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

"  
**Joze Martin Rozanec,cron-utils,9.2.1,"**

-----  
Top Level Component:  
-----  
com.cronutils:cron-utils

-----  
Top Level Component Copyright Notices:  
-----

## Copyright

Copyright 2014 jmrozanec  
\*  
\* Licensed under the Apache License, Version 2.0 (the ""License "");  
\* you may not use this file except in compliance with the License.  
\* You may obtain a copy of the License at  
\* <http://www.apache.org/licenses/LICENSE-2.0>  
\* Unless required by applicable law or agreed to in writing, software  
\* distributed under the License is distributed on an ""AS IS"" BASIS,  
\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.  
\* See the License for the specific language governing permissions and  
\* limitations under the License.

## Licensing

Licensed under the Apache License, Version 2.0 (the ""License "");  
you may not use this file except in compliance with the License.

-----Separator-----  
-----

==== Third-party  
=====

1# org.slf4j:slf4j-api  
1# Copyright Notices:

## Copyright

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)  
All rights reserved.

## Licensing

Permission is hereby granted, free of charge, to any person  
obtaining  
a copy of this software and associated documentation files (the  
""Software""), to deal in the Software without restriction, including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
 ===== Licenses  
 =====

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
"Derivative Works" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
of  
"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

Entity  
"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)

---

with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2014 Joze Martin Rozanec

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

"

**Karel Miko, CryptX, 0.078,**  
"TOP-LEVEL copyright for CryptX

Copyright (c) 2013-2022 DCIT, a.s. <https://www.dcit.cz> / Karel Miko

TOP-LEVEL license for CryptX

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

## Third-Party Notices

---

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications

---

derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a

## Third-Party Notices

---

binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it,

that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that

## Third-Party Notices

---

in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received

copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

## Third-Party Notices

---

YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your

---

school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Math::BigInt

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2001 Mark Biggar, Ilya Zakharevich.

Copyright 2001-2008 Tels, <http://bloodgate.com>.

Copyright 2010 Florian Ragwitz, [flora@cpan.org](mailto:flora@cpan.org).

Copyright 2011- Peter John Acklam, [pjacklam@gmail.com](mailto:pjacklam@gmail.com).

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Math::Complex

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Carp

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 parent

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software;

you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself."

**Karel Miko, Crypt::JWT, 0.035,**

"TOP-LEVEL copyright for Crypt::JWT

Copyright (c) 2015-2023 DCIT, a.s. <https://www.dcit.cz> / Karel Miko

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Crypt::JWT

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or

b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

## Third-Party Notices

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved,

and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this

## Third-Party Notices

---

Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and

## Third-Party Notices

---

disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

## Third-Party Notices

---

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Compress::Raw::Zlib

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #2 CryptX
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (c) 2013-2022 DCIT, a.s. https://www.dcit.cz / Karel Miko
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #3 Math::BigInt
```

```
== License Type
```

## Third-Party Notices

---

Perl

== Copyright Notices

Copyright 1996-2001 Mark Biggar, Ilya Zakharevich.

Copyright 2001-2008 Tels, <http://bloodgate.com>.

Copyright 2010 Florian Ragwitz, [flora@cpan.org](mailto:flora@cpan.org).

Copyright 2011- Peter John Acklam, [pjacklam@gmail.com](mailto:pjacklam@gmail.com).

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <[zefram@fysh.org](mailto:zefram@fysh.org)>

This program is free software; you can redistribute it and/or modify it under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #6 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <[dankogai@cpan.org](mailto:dankogai@cpan.org)>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 Storable

== License Type  
Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Pod::Man

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Cwd

== License Type

Perl

## == Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Scalar::Util

## == License Type

Perl

## == Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Data::Dumper

## == License Type

Perl

## == Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 if

## == License Type

Perl

## == Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #19 Math::Complex

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #20 JSON

== License Type  
Perl

== Copyright Notices  
Copyright 2005-2013 by Makamaka Hannyaharamitu

Most of the documentation is taken from JSON::XS by Marc Lehmann

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself."

Kenneth J. Albanowski, Sort::Versions, 1.62, "TOP-LEVEL copyright for Sort-Versions

This software is copyright (c) 1996 by Kenneth J. Albanowski.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Sort-Versions

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I

---

consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the

## Third-Party Notices

---

basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this

Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

## Third-Party Notices

---

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

## Third-Party Notices

---

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #1 Carp
== License Type
Perl
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
-----separator-----
FOURTH-PARTY DEPENDENCY #2 Exporter
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #4 Encode
== License Type
Perl
```

---

```
== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #5 Storable
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #6 XSLoader
== License Type
Perl
== Copyright Notices
Copyright (C) 1990-2011 by Larry Wall and others.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #7 parent
== License Type
Perl
== Copyright Notices
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea
of base.pm, which was introduced with Perl 5.004_04.
-----separator-----
FOURTH-PARTY DEPENDENCY #8 File::Spec
== License Type
Perl
== Copyright Notices
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #9 Pod::Man
== License Type
Perl
== Copyright Notices
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>
Substantial contributions by Sean Burke <sburke@cpan.org>.
This program is free software; you may redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #10 Pod::Simple
== License Type
Perl
== Copyright Notices
Copyright (c) 2002 Sean M. Burke.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
-----separator-----
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes
== License Type
```

## Third-Party Notices

---

```
Perl
== Copyright Notices
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
Portions of the data tables in this module are derived from the entity
declarations in the W3C XHTML specification.
Currently (October 2001), that's these three:
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent
-----separator-----
FOURTH-PARTY DEPENDENCY #12 Cwd
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
-----separator-----
FOURTH-PARTY DEPENDENCY #13 Scalar::Util
== License Type
Perl
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
Additionally ""weaken"" and ""isweak"" which are
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as perl itself.
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright
(C) 2014 cPanel Inc. All rights reserved. This program is free software;
you can redistribute it and/or modify it under the same terms as Perl
itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #14 Data::Dumper
== License Type
Perl
== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap
== License Type
Perl
== Copyright Notices
```

---

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `"Text::Wrap"` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the `"Artistic License"`.

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it

## Third-Party Notices

---

fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it,

that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that

## Third-Party Notices

---

in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received

copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

## Third-Party Notices

---

YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your

school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Kenneth J. Albanowski, Term::ReadKey, 2.38,**

"TOP-LEVEL copyright for Term::ReadKey  
Prior to the 2.31 release the license statement was:  
Copyright (C) 1994-1999 Kenneth Albanowski.  
2001-2005 Jonathan Stowe and others

Unlimited distribution and/or modification is allowed as long as this copyright notice remains intact.  
And was only stated in the README file.

Because I believe the original author's intent was to be more open than the other commonly used licenses I would like to leave that in place. However if you or your lawyers require something with some more words you can optionally choose to license this under the standard Perl license: This module is free software; you can redistribute it and/or modify it under the terms of the Artistic License. For details, see the full text of the license in the file "Artistic" that should have been provided with the version of perl you are using.

TOP-LEVEL license for Term::ReadKey

---Perl Licensing----

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together

with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The

## Third-Party Notices

---

"Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three

years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals

## Third-Party Notices

---

of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Lincoln Stein,Crypt::CBC,3.04,"
TOP-LEVEL copyright for Crypt::CBC
```

No Copyright info from source

Below note is on license governing this module.

Lincoln Stein, lstein@cshl.org

This module is distributed under the ARTISTIC LICENSE v2 using the same terms as Perl itself.

```
TOP-LEVEL license for Crypt::CBC
---Artistic Licensing 2.0----
```

Copyright (c) 2000-2006, The Perl Foundation.

## Third-Party Notices

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

## Third-Party Notices

---

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

---end of Artistic Licensing 2.0---

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package,

## Third-Party Notices

---

while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly

documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free

software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

## Third-Party Notices

---

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

## Third-Party Notices

---

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Crypt::Cipher::AES

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2013-2022 DCIT, a.s. <https://www.dcit.cz> / Karel Miko

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Crypt::PBKDF2

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2016 by Andrew Rodland.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 Digest::MD5

== License Type  
Perl

== Copyright Notices  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.  
Copyright 1995-1996 Neil Winton.  
Copyright 1991-1992 RSA Data Security, Inc.  
The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

## Third-Party Notices

---

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Digest::SHA

== License Type

Perl

== Copyright Notices

Copyright (C) 2003-2022 Mark Shelor

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Math::BigInt

== License Type

Perl

== Copyright Notices

Copyright 1996-2001 Mark Biggar, Ilya Zakharevich.

Copyright 2001-2008 Tels, <http://bloodgate.com>.

Copyright 2010 Florian Ragwitz, [flora@cpan.org](mailto:flora@cpan.org).

Copyright 2011- Peter John Acklam, [pjacklam@gmail.com](mailto:pjacklam@gmail.com).

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <[zefram@fysh.org](mailto:zefram@fysh.org)>

This program is free software; you can redistribute it and/or modify it under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #8 ExtUtils::MakeMaker

== License Type

---

Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 File::Spec

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #18 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #19 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #20 Text::Wrap

== License Type

Perl (Part of base perl distribution. License type is governed by perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name "Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Math::Complex

== License Type

Perl

== Copyright Notices

No Copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Digest

== License Type

Perl

== Copyright Notices

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2006 Gisle Aas.

Copyright 1995,1996 Neil Winton.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 Digest::HMAC

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2021 by Andrew Rodland.

-----separator-----  
FOURTH-PARTY DEPENDENCY #26 Digest::base

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2006 Gisle Aas.  
Copyright 1995,1996 Neil Winton.

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 Digest::SHA3

== License Type  
Perl

== Copyright Notices  
Copyright (C) 2012-2022 Mark Shelor

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 Module::Runtime

== License Type  
Perl

== Copyright Notices  
Copyright (C) 2004, 2006, 2007, 2009, 2010, 2011, 2012, 2014, 2017 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #29 Moo

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices

Copyright (c) 2010-2015 the Moo ""AUTHOR"" and ""CONTRIBUTORS"" as listed above.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Class::Method::Modifiers

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2007 by Shawn M Moore.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 base

== License Type

Perl (Part of perl distribution)

== Copyright Notices

No Copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Role::Tiny

== License Type

Perl

== Copyright Notices

Copyright (c) 2010-2012 the Role::Tiny ""AUTHOR"" and ""CONTRIBUTORS"" as listed above.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 Sub::Defer

== License Type

Perl

== Copyright Notices

Copyright (c) 2010-2016 the Sub::Quote ""AUTHOR"" and ""CONTRIBUTORS"" as listed above.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 Sub::Quote

== License Type

Perl

== Copyright Notices

Copyright (c) 2010-2016 the Sub::Quote ""AUTHOR"" and ""CONTRIBUTORS"" as listed above.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #35 Moo::Role

== License Type
Perl

== Copyright Notices
Copyright (c) 2010-2015 the Moo "AUTHOR" and "CONTRIBUTORS" as listed
above.

-----separator-----
FOURTH-PARTY DEPENDENCY #36 Try::Tiny

== License Type
MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the "Software"), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished
to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

== Copyright Notices
This software is Copyright (c) 2009 by Yuval Kogman.
This is free software, licensed under:
The MIT (X11) License

-----separator-----
FOURTH-PARTY DEPENDENCY #37 constant

== License Type
Perl

== Copyright Notices
```

## Third-Party Notices

---

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #38 Type::Tiny

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2013-2014, 2017-2023 by Toby Inkster.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #39 Exporter::Tiny

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2013-2014, 2017, 2022 by Toby Inkster.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 Types::Standard

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2013-2014, 2017-2023 by Toby Inkster.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 namespace::autoclean

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2009 by Florian Ragwitz.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 B::Hooks::EndOfScope

---

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2008 by Florian Ragwitz.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #43 Module::Implementation

== License Type  
Artistic 2.0

== Copyright Notices  
This software is Copyright (c) 2014 by Dave Rolsky.

This is free software, licensed under:

The Artistic License 2.0 (GPL Compatible)

-----separator-----  
FOURTH-PARTY DEPENDENCY #44 Sub::Exporter::Progressive

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2016 by Arthur Axel "fREW" Schmidt.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #45 List::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Recent additions and current maintenance by Paul Evans,  
<leonerdd@leonerdd.org.uk>.

-----separator-----  
FOURTH-PARTY DEPENDENCY #46 Sub::Identify

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

(c) Rafael Garcia-Suarez (rgs at consttype dot org) 2005, 2008, 2012, 2014, 2015

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 namespace::clean

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2011 by ""AUTHORS""

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 Package::Stash

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2022 by Jesse Luehrs.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #49 Dist::CheckConflicts

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2014 by Jesse Luehrs.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #50 Getopt::Long

== License Type  
Perl

== Copyright Notices

This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY

---

or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

If you do not have a copy of the GNU General Public License write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

-----separator-----

FOURTH-PARTY DEPENDENCY #51 Pod::Usage

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 Pod::Perldoc

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #53 Pod::Text

== License Type  
Perl

== Copyright Notice

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022

Russ Allbery <rura@cpan.org>

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #54 File::Spec::Functions

== License Type  
Perl

== Copyright Notice

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #55 File::Temp

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #56 Carp-1.50-Carp::Heavy

== License Type  
Perl

== Copyright Notice  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #57 File::Path

== License Type  
Perl

== Copyright Notice  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #58 IO::Handle

== License Type  
Perl

== Copyright Notice  
No copyright info from source.

-----separator-----  
FOURTH-PARTY DEPENDENCY #59 IO::Select

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #60 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notice

---

Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #61 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2002-2004 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #62 Text::ParseWords

== License Type  
Perl

== Copyright Notice  
No copyright info from source.  
This library is free software; you may redistribute and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #63 IO::Seekable

== License Type  
Perl

== Copyright Notice  
No copyright info from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #64 strictures

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2010 the strictures ""AUTHOR"" and ""CONTRIBUTORS"" as  
listed above.

-----separator-----

"

Linkurious SAS,Ogma,4.3.5,"Fourth-party dependencies to Ogma

== NAME OF DEPENDENCY 1  
kdbush  
== License Type  
ISC  
== Copyright Notices  
ISC License

## Third-Party Notices

---

Copyright (c) 2018, Vladimir Agafonkin

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

flatqueue

== License Type

ISC

== Copyright Notices

ISC License

Copyright (c) 2022, Vladimir Agafonkin

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

d3-interpolate

== License Type

ISC

---

== Copyright Notices  
Copyright 2010-2021 Mike Bostock

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----

--  
== NAME OF DEPENDENCY 4  
delaunator  
== License Type  
ISC  
== Copyright Notices  
ISC License

Copyright (c) 2021, Mapbox

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----

--  
== NAME OF DEPENDENCY 5  
robust-predicates  
== License Type  
Unlicense

## Third-Party Notices

---

== Copyright Notices

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org>>

----- (separator) -----

--

== NAME OF DEPENDENCY 6

potpack

== License Type

ISC

== Copyright Notices

ISC License

Copyright (c) 2022, Mapbox

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----

--

---

```
== NAME OF DEPENDENCY 7
Incremental cycle detect
== License Type
Unlicense
== Copyright Notices
This is free and unencumbered software released into the public domain.
```

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <<http://unlicense.org/>>

----- (separator) -----

--

```
== NAME OF DEPENDENCY 8
Javascript LP solver
== License Type
Unlicense
== Copyright Notices
This is free and unencumbered software released into the public domain.
```

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,

## Third-Party Notices

---

ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

For more information, please refer to <http://unlicense.org>"  
Makamaka Hannyaharamitu, JSON::PP, 4.16, "TOP-LEVEL copyright for JSON::PP

Copyright 2007-2016 by Makamaka Hannyaharamitu  
Most of the documentation is taken from JSON::XS by Marc Lehmann  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for JSON::PP

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided

## Third-Party Notices

---

that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this

Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all

third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties

## Third-Party Notices

---

remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE

POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

## Third-Party Notices

---

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Scalar-List-Utills-1.63-Scalar::Util

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>.  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>.  
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer

---

to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large

as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly

commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and

disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

## Third-Party Notices

---

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Makina Corpus, Leaflet GeometryUtil, 0.10.2,
```

```
" ----- Top-level license -----
-----
```

```
Copyright (c) 2013, Makina Corpus
```

```
All rights reserved.Redistribution and use in source and binary forms,
with or without modification,are permitted provided that the following
conditions are met:* Redistributions of source code must retain the above
copyright notice,this list of conditions and the following disclaimer.*
Redistributions in binary form must reproduce the above copyright
notice,this list of conditions and the following disclaimer in the
documentationand/or other materials provided with the distribution.*
Neither the name of ODE nor the names of its contributorsmay be used to
endorse or promote products derived from this softwarewithout specific
prior written permission.THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT
HOLDERS AND CONTRIBUTORS""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOTLIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS FORA PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
COPYRIGHT OWNER ORCONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL,EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
NOT LIMITED TO,PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, ORPROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OFLIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDINGNEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THISSOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE
```

```

----- Copyright notices -----
---
Copyright (c) 2013, Makina Corpus

----- Fourth-party information -----
-----
== Name of dependency:
leaflet
== License

BSD 2-Clause License

Copyright (c) 2010-2022, Vladimir Agafonkin
Copyright (c) 2010-2011, CloudMadeAll rights reserved.

Redistribution and use in source and binary forms, with or
without modification, are permitted provided that the following conditions
are met:1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.2.
Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.THIS
SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.

== Copyright Notices
Copyright (c) 2010-2022, Vladimir Agafonkin
Copyright (c) 2010-2011, CloudMadeAll rights reserved."
Marcus Spiegel, i18n, 0.15.0,

----- Top-level license -----
--
(The MIT License)

Copyright (c) 2011-present Marcus Spiegel <marcus.spiegel@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the "Software"), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

```

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----

--  
Copyright (c) 2011-present Marcus Spiegel <marcus.spiegel@gmail.com>

----- Fourth-party information -----

-----  
== NAME OF DEPENDENCY 1

messageformat/core

== License

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

-----

== NAME OF DEPENDENCY 2

messageformat/date-skeleton

== License

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including

without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

-----  
== NAME OF DEPENDENCY 3

messageformat/number-skeleton

== License

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

-----  
== NAME OF DEPENDENCY 4

messageformat/parser

== License

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining

## Third-Party Notices

---

a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

-----  
== NAME OF DEPENDENCY 5

moo

== License

BSD 3-Clause License

Copyright (c) 2017, Tim Radvan (tjvr)

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==Copyright

Copyright (c) 2017, Tim Radvan (tjvr)

-----  
== NAME OF DEPENDENCY 6

messageformat/runtime

== License

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright OpenJS Foundation and contributors, <https://openjsf.org/>

-----  
== NAME OF DEPENDENCY 7

make-plural

== License

Copyright © Eemeli Aro <[eemeli@gmail.com](mailto:eemeli@gmail.com)>

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in

<https://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use,

## Third-Party Notices

---

copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

- (a) this copyright and permission notice appear with all copies of the Data Files or Software, or
- (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

==Copyright

Copyright © Eemeli Aro <eemeli@gmail.com>

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

-----

\*\*\*\*\*

== NAME OF DEPENDENCY 8

make-plural

== License

Copyright © Eemeli Aro <eemeli@gmail.com>

Copyright © 1991-2020 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in

<https://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either

- (a) this copyright and permission notice appear with all copies of the Data Files or Software, or
- (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT OF THIRD PARTY RIGHTS.  
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

==Copyright  
Copyright © Eemeli Aro <eemeli@gmail.com>  
Copyright © 1991-2020 Unicode, Inc. All rights reserved.

-----  
== NAME OF DEPENDENCY 9  
safe-identifier  
== License  
Copyright (c) 2019 by Eemeli Aro <eemeli@gmail.com>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.  
==Copyright  
Copyright (c) 2019 by Eemeli Aro <eemeli@gmail.com>

-----  
== NAME OF DEPENDENCY 10  
debug  
== License  
(The MIT License)

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2018-2021 Josh Junon

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so,

## Third-Party Notices

---

subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2018-2021 Josh Junon

-----  
== NAME OF DEPENDENCY 11

ms

== License

The MIT License (MIT)

Copyright (c) 2020 Vercel, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright (c) 2020 Vercel, Inc.

---

-----  
== NAME OF DEPENDENCY 12

fast-printf

== License

Copyright (c) 2021, Gajus Kuizinas (<http://gajus.com/>)

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Gajus Kuizinas (<http://gajus.com/>) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written

permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ANYWAY BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==Copyright

Copyright (c) 2021, Gajus Kuizinas (<http://gajus.com/>)

---

== NAME OF DEPENDENCY 13

boolean

== License

The MIT License (MIT)

Copyright (c) 2014-2022 the native web.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit

## Third-Party Notices

---

persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright  
Copyright (c) 2014-2022 the native web.

-----  
  
== NAME OF DEPENDENCY 14  
make-plural  
== License  
Copyright (c) 2021, Gajus Kuizinas (<http://gajus.com/>)  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Gajus Kuizinas (<http://gajus.com/>) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ANUARY BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==Copyright

Copyright (c) 2021, Gajus Kuizinas (<http://gajus.com/>)

-----  
== NAME OF DEPENDENCY 15

math-interval-parser

== License

The MIT License (MIT)

Copyright (c) Dmitry Semigradsky <[semigradskyd@gmail.com](mailto:semigradskyd@gmail.com)>  
(<https://github.com/Semigradsky>)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright

Copyright (c) Dmitry Semigradsky <[semigradskyd@gmail.com](mailto:semigradskyd@gmail.com)>  
(<https://github.com/Semigradsky>)

-----  
== NAME OF DEPENDENCY 16

mustache

== License

The MIT License

Copyright (c) 2009 Chris Wanstrath (Ruby)  
Copyright (c) 2010-2014 Jan Lehnardt (JavaScript)  
Copyright (c) 2010-2015 The mustache.js community

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit

## Third-Party Notices

---

persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

==Copyright notices

Copyright (c) 2009 Chris Wanstrath (Ruby)

Copyright (c) 2010-2014 Jan Lehnardt (JavaScript)

Copyright (c) 2010-2015 The mustache.js community

"

**Mark A. Jensen,Neo4j::Bolt,0.4203,"**

TOP-LEVEL copyright for Neo4j::Bolt

This software is Copyright (c) 2019-2021 by Mark A. Jensen.

TOP-LEVEL license for Neo4j::Bolt

The Apache License, Version 2.0, January 2004

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

```
-----separator-----
FOURTH-PARTY DEPENDENCY #4 Data::Dumper

== License Type
Perl

== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #5 Encode

== License Type
Perl

== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #6 Storable

== License Type
Perl

== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type
Perl

== Copyright Notices
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #8 parent

== License Type
Perl

== Copyright Notices
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea
of base.pm, which was introduced with Perl 5.004_04.

-----separator-----
```

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type  
Perl (Same as Perl. Part of base perl distribution)

== Copyright Notices

## Third-Party Notices

---

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `""Text::Wrap""` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Alien::OpenSSL

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2012-2022 by Johanna Amann.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Alien::Base

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2011-2022 by Graham Ollis.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Capture::Tiny

== License Type  
The Apache License, Version 2.0, January 2004

== Copyright Notices

This software is Copyright (c) 2009 by David Golden.

This is free software, licensed under:

The Apache License, Version 2.0, January 2004

-----separator-----

---

FOURTH-PARTY DEPENDENCY #20 File::Temp

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 IO::Handle

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Carp::Heavy

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #23 File::Path

== License Type  
Perl

== Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 IO::Seekable

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #25 constant

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 Digest::SHA

== License Type

Perl

== Copyright Notices

Copyright (C) 2003-2022 Mark Shelor

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 ExtUtils::CBuilder

== License Type

Perl

== Copyright Notices

Copyright (c) 2003-2005 Ken Williams. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 IO::File

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #29 IPC::Cmd

== License Type

Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Locale::Maketext::Simple

== License Type

Perl & MIT

Copyright 2003, 2004, 2005, 2006 by Audrey Tang <cpan@audreyt.org>.

---

This software is released under the MIT license cited below. Additionally, when this software is distributed with Perl Kit, Version 5, you may also redistribute it and/or modify it under the same terms as Perl itself.

The ""MIT"" License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

Copyright 2003, 2004, 2005, 2006 by Audrey Tang <cpan@audreyt.org>.

This software is released under the MIT license cited below. Additionally, when this software is distributed with Perl Kit, Version 5, you may also redistribute it and/or modify it under the same terms as Perl itself.

The ""MIT"" License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 Module::Load::Conditional

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Module::CoreList

== License Type

Perl

== Copyright Notices

Copyright (C) 2002-2009 Richard Clamp. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 List::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Recent additions and current maintenance by Paul Evans,  
<leonerd@leonerd.org.uk>.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 version

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Module::Load

== License Type

Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 Module::Metadata

== License Type

Perl

---

== Copyright Notices  
Original code Copyright (c) 2001-2011 Ken Williams. Additional code  
Copyright (c) 2010-2011 Matt Trout and David Golden. All rights reserved.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #37 Params::Check

== License Type  
Perl

== Copyright Notices  
This library is free software; you may redistribute and/or modify it under  
the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 Perl::OSType

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2016 by David Golden.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 Text::ParseWords

== License Type  
Perl

== Copyright Notices  
This library is free software; you may redistribute and/or modify it under  
the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #40 ExtUtils::ParseXS

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 by Ken Williams, David Golden and other contributors.  
All rights reserved.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

Based on the ExtUtils::xsubpp code by Larry Wall and the Perl 5 Porters,  
which was released under the same license terms.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #41 FFI::CheckLib

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2014-2022 by Graham Ollis.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 File::Which

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Per Einar Ellefsen  
<pereinar@cpan.org>.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 File::chdir

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2016 by Michael G. Schwern and David Golden.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 File::Spec::Functions

== License Type  
Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 JSON::PP

== License Type  
Perl

---

== Copyright Notices  
Copyright 2007-2016 by Makamaka Hannyaharamitu

Most of the documentation is taken from JSON::XS by Marc Lehmann

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #46 Path::Tiny

== License Type  
The Apache License, Version 2.0, January 2004

== Copyright Notices  
This software is Copyright (c) 2014 by David Golden.

This is free software, licensed under:

The Apache License, Version 2.0, January 2004

-----separator-----  
FOURTH-PARTY DEPENDENCY #47 Digest

== License Type  
Perl

== Copyright Notices  
Gisle Aas <gisle@aa.no>

The Digest:: interface is based on the interface originally developed by Neil Winton for his MD5 module.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2006 Gisle Aas.  
Copyright 1995,1996 Neil Winton.

-----separator-----  
FOURTH-PARTY DEPENDENCY #48 Test2::API

== License Type  
Perl

== Copyright Notices  
Copyright 2020 Chad Granum <exodist@cpan.org>.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #49 base

== License Type  
Perl (Same as Perl. Part of base perl distribution)

## Third-Party Notices

---

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #50 Neo4j::Client

== License Type

The Apache License, Version 2.0, January 2004

== Copyright Notices

This packaging software is Copyright (c) 2020 by Mark A. Jensen.

This is free software, licensed under:

The Apache License, Version 2.0, January 2004

-----separator-----

FOURTH-PARTY DEPENDENCY #51 Alien::Build

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2011-2022 by Graham Ollis.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 Env

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #53 Neo4j::Types

== License Type

The Artistic License 2.0 (GPL Compatible)

== Copyright Notices

This software is Copyright (c) 2021 by Arne Johannessen.

This is free software, licensed under:

The Artistic License 2.0 (GPL Compatible)

-----separator-----

FOURTH-PARTY DEPENDENCY #54 URI

== License Type

Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #55 Net::Domain

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #56 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #57 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #58 Socket

== License Type  
Perl

== Copyright Notices  
No copyright info from source

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #59 Time::Local

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it

fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it,

## Third-Party Notices

---

that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that

in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received

## Third-Party Notices

---

copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your

## Third-Party Notices

---

school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---Apache 2.0---

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable

by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify

the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

## Third-Party Notices

---

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

---End Apache 2.0---

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this  
license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software  
Package may be copied, modified, distributed, and/or redistributed. The  
intent is that the Copyright Holder maintains some artistic control over  
the development of that Package while still keeping the Package available  
as open source and free software.

You are always permitted to make arrangements wholly outside of this  
license directly with the Copyright Holder of a given Package. If the  
terms of this license do not permit the full use that you propose to make  
of the Package, you should contact the Copyright Holder and seek a  
different licensing arrangement.

### Definitions

"Copyright Holder" means the individual(s) or organization(s) named in  
the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other  
material to the Package, in accordance with the Copyright Holder's  
procedures.

"You" and "your" means any person who would like to copy, distribute,  
or modify the Package.

"Package" means the collection of files distributed by the Copyright  
Holder, and derivatives of that collection and/or of those files. A given  
Package may consist of either the Standard Version, or a Modified Version.

"Distribute" means providing a copy of the Package or making it  
accessible to anyone else, or in the case of a company or organization, to  
others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

## Third-Party Notices

---

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

- (i) the Original License or
- (ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package. Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "'AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

"

**Mark Ellis,Net::AMQP::RabbitMQ,2.40010,**  
"TOP-LEVEL copyright for Net::AMQP::RabbitMQ

No Copyright info from source.  
This software is licensed under the Mozilla Public License.

TOP-LEVEL license for Net::AMQP::RabbitMQ

MOZILLA PUBLIC LICENSE

Version 1.1

-----

## 1. Definitions.

1.0.1. "'Commercial Use'" means distribution or otherwise making the Covered Code available to a third party.

1.1. "'Contributor'" means each entity that creates or contributes to the creation of Modifications.

1.2. "'Contributor Version'" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "'Covered Code'" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case

including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity

exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. Source Code License.

### 2.1. The Initial Developer Grant.

The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

### 2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

### 3. Distribution Obligations.

#### 3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

#### 3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

#### 3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

### 3.4. Intellectual Property Matters

#### (a) Third Party Claims.

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled ""LEGAL"" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

#### (b) Contributor APIs.

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

#### (c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

### 3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial

Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

### 3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for

the

Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

### 3.7. Larger Works.

You may create a Larger Work by combining Covered Code with other code

not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

## 4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

## 6. Versions of the License.

### 6.1. New Versions.

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

#### 6.2. Effect of New Versions.

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

#### 6.3. Derivative Works.

If You create or use a modified version of this License (which you only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

### 7. DISCLAIMER OF WARRANTY.

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS

#### DISCLAIMER

OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

### 8. TERMINATION.

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their

## Third-Party Notices

---

nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as ""Participant"") alleging that:

(a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

(b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

## 9. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR

ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL,

WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS.

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such

terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995),

all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. MULTIPLE-LICENSED CODE.

## Third-Party Notices

---

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the NPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

EXHIBIT A -Mozilla Public License.

``The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is RabbitMQ.

The Initial Developers of the Original Code are LShift Ltd, Cohesive Financial Technologies LLC, and Rabbit Technologies Ltd.

Portions created before 22-Nov-2008 00:00:00 GMT by LShift Ltd, Cohesive Financial Technologies LLC, or Rabbit Technologies Ltd are Copyright (C) 2007-2008 LShift Ltd, Cohesive Financial Technologies LLC, and Rabbit Technologies Ltd.

Portions created by LShift Ltd are Copyright (C) 2007-2009 LShift Ltd. Portions created by Cohesive Financial Technologies LLC are Copyright (C) 2007-2009 Cohesive Financial Technologies LLC. Portions created by Rabbit Technologies Ltd are Copyright (C) 2007-2009 Rabbit Technologies Ltd.

All Rights Reserved.

Contributor(s): \_\_\_\_\_.'

[NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.]

FOURTH-PARTY DEPENDENCY #1 Carp  
== License Type  
Perl  
== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

```
-----separator-----
FOURTH-PARTY DEPENDENCY #2 Exporter
== License Type
Perl
== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
== License Type
Perl
== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #4 Encode
== License Type
Perl
== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #5 Storable
== License Type
Perl
== Copyright Notices
No copyright info from source

-----separator-----
FOURTH-PARTY DEPENDENCY #6 XSLoader
== License Type
Perl
== Copyright Notices
Copyright (C) 1990-2011 by Larry Wall and others.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #7 parent
== License Type
Perl
== Copyright Notices
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea
of base.pm, which was introduced with Perl 5.004_04.

-----separator-----
FOURTH-PARTY DEPENDENCY #8 File::Spec
== License Type
Perl
== Copyright Notices
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

## Third-Party Notices

---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #9 Pod::Man
== License Type
Perl
== Copyright Notices
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>
Substantial contributions by Sean Burke <sburke@cpan.org>.
This program is free software; you may redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #10 Pod::Simple
== License Type
Perl
== Copyright Notices
Copyright (c) 2002 Sean M. Burke.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes
== License Type
Perl
== Copyright Notices
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
Portions of the data tables in this module are derived from the entity
declarations in the W3C XHTML specification.
Currently (October 2001), that's these three:
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #12 Cwd
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #13 Scalar::Util
```

---

```
== License Type
Perl
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
Additionally ""weaken"" and ""isweak"" which are
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as perl itself.
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright
(C) 2014 cPanel Inc. All rights reserved. This program is free software;
you can redistribute it and/or modify it under the same terms as Perl
itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #14 Data::Dumper
== License Type
Perl
== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap
== License Type
Perl
== Copyright Notices
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013
Google, Inc. This module may be modified, used, copied, and redistributed
at your own risk. Although allowed by the preceding license, please do not
publicly redistribute modified versions of this code with the name
""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----
FOURTH-PARTY DEPENDENCY #16 if
== License Type
Perl
== Copyright Notices
This software is copyright (c) 2002 by Ilya Zakharevich.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #17 Math::Int64

== License Type
Perl

== Copyright Notices
Copyright © 2007, 2009, 2011-2015 by Salvador Fandiòo (sfandino@yahoo.com)

Copyright © 2014-2015 by Dave Rolsky (autarch@urth.org)
```

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.8 or, at your option, any later version of Perl 5 you may have available.

-----separator-----  
FOURTH-PARTY DEPENDENCY #18 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

## Third-Party Notices

---

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this

Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not

## Third-Party Notices

---

price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that

you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License.

## Third-Party Notices

---

Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,

INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show

## Third-Party Notices

---

c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Martyn J. Pearce, perl-Class-MethodMaker, 2.24,**  
"TOP-LEVEL copyright for Class::MethodMaker

Copyright (c) 2014, 2013, 2012, 2010, 2009, 2008, 2004, 2003,  
2002, 2001, 2000 Martyn J. Pearce and others.

This program is free software; you can redistribute it and/or  
modify it under the same terms as Perl itself.

Copyright (c) 1996 Organic Online. All rights reserved. This program is  
free software; you can redistribute it and/or modify it under the same  
terms as Perl itself.

TOP-LEVEL license for Class::MethodMaker

---Perl Licensing----

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds

definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large

as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly

commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any

other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

## Third-Party Notices

---

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

## Third-Party Notices

---

Gnomovision version 69, Copyright (C) 19xx name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show  
w`.

This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c` for details.

The hypothetical commands `show w` and `show c` should show the  
appropriate parts of the General Public License. Of course, the  
commands you use may be called something other than `show w` and `show  
c`; they could even be mouse-clicks or menu items--whatever suits your  
program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Martyn J. Pearce, Term::ProgressBar, 2.23,**  
"TOP-LEVEL copyright for Term::ProgressBar

Copyright (c) 2001, 2002, 2003, 2004, 2005 Martyn J. Pearce. This program  
is free software; you can redistribute it and/or modify it under the same  
terms as Perl itself.

TOP-LEVEL license for Term::ProgressBar

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together

with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

## Third-Party Notices

---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The

---

"Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three

## Third-Party Notices

---

years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals

of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License

## Third-Party Notices

---

along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

```
== License Type
Perl
```

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type  
Perl (Part of base Perl distribution. License type is governed by Perl)

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Class::MethodMaker

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2014, 2013, 2012, 2010, 2009, 2008, 2004, 2003, 2002, 2001, 2000 Martyn J. Pearce and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright (c) 1996 Organic Online. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Fatal

== License Type

Perl

== Copyright Notices

This module is free software, you may distribute it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Tie::RefHash

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2006 by øøøø øøø'øø (Yuval Kogman) <nothingmuch@woobling.org>.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 constant

== License Type

Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

"

**Matthew Eernisse,ejs,3.1.9,**

" ----- Top-level license -----

-----

ejs

== License

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise

designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,

and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

== Copyright Notices  
Matthew Eernisse <mde@fleegix.org>

----- Fourth-party information -----  
--

----- Separator -----

== NAME OF DEPENDENCY 1  
Jake

== License  
Apache 2.0 (see above for text)

== Copyright Notices  
Matthew Eernisse <mde@fleegix.org>

## Third-Party Notices

---

----- Fifth-party information -----  
--

----- Separator -----

== NAME OF DEPENDENCY 2  
async

== License  
MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices  
Copyright (c) 2010-2018 Caolan McMahon

----- Separator -----

== NAME OF DEPENDENCY 3, 4, 5, 6  
chalk  
ansi-styles  
has-flag  
supports-color

== License  
MIT License (See above for text)

---

== Copyright Notices  
Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- Separator -----

== NAME OF DEPENDENCY 7  
color-convert

== License  
MIT License (see above for text)

== Copyright Notices  
Copyright (c) 2011-2016 Heather Arthur <fayearthur@gmail.com>

----- Separator -----

== NAME OF DEPENDENCY 8  
color-name

== License  
MIT License (see above for text)

== Copyright Notices  
Copyright (c) 2015 Dmitry Ivanov

----- Separator -----

== NAME OF DEPENDENCY 9  
filelist

== License  
Apache 2.0 (see above for text)

== Copyright Notices  
Matthew Eernisse <mde@fleegix.org>

----- Separator -----

== NAME OF DEPENDENCY 10  
minimatch

== License

The ISC License

Copyright (c) Isaac Z. Schlueter and Contributors

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright Notices

Copyright (c) Isaac Z. Schlueter and Contributors

----- Separator -----

== NAME OF DEPENDENCY 11

brace-expansion

== License

MIT License (see above for text)

== Copyright Notices

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- Separator -----

== NAME OF DEPENDENCY 12

balanced-match

== License

MIT License (see above for text)

== Copyright Notices

Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- Separator -----

== NAME OF DEPENDENCY 13

concat-map

== License

MIT License (see above for text)

== Copyright Notices

James Halliday (mail@substack.net)

"

**Michael Peppler, DBD::Sybase, 1.23,**

"TOP-LEVEL copyright for DBD::Sybase

---

The DBD::Sybase module is Copyright (c) 1996-2023 Michael Peppler. The DBD::Sybase module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for DBD::Sybase

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive

---

site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do

## Third-Party Notices

---

not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether

---

gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an

## Third-Party Notices

---

announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the

Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

## Third-Party Notices

---

possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
FOURTH-PARTY DEPENDENCY #1 DBI

== License Type  
Perl

== Copyright Notices  
The DBI module is Copyright (c) 1994-2012 Tim Bunce. Ireland. All rights reserved.

You may distribute under the terms of either the GNU General Public License or the Artistic License, as specified in the Perl 5.10.0 README file.

-----separator-----"  
**Miles Crawford,REST::Client,281.0,"**

TOP-LEVEL copyright for REST::Client

This software is copyright (c) 2008 by Miles Crawford.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for REST::Client

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral

## Third-Party Notices

---

equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved,

and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this

## Third-Party Notices

---

Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source

## Third-Party Notices

---

code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the

corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY

## Third-Party Notices

---

FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Scalar::Util

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
```

Additionally ""weaken"" and ""isweak"" which are

## Third-Party Notices

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Storable

== License Type  
Perl

---

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Pod::Simple

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Text::Wrap

== License Type  
Perl (Part of base perl distribution)  
== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `""Text::Wrap""` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

---

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 LWP::Protocol::https

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2011 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::Socket::SSL

== License Type

Perl

== Copyright Notices

The original versions of this module are Copyright (C) 1999-2002 Marko Asplund.

The rewrite of this module is Copyright (C) 2002-2005 Peter Behroozi.

Versions 0.98 and newer are Copyright (C) 2006-2014 Steffen Ullrich.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Mozilla::CA

== License Type

Mozilla Public License 2.0

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Net::SSLeay

== License Type

artistic\_2

== Copyright Notices

Copyright (c) 1996-2003 Sampo Kellomaki <sampo@iki.fi>

Copyright (c) 2005-2010 Florian Ragwitz <rafl@debian.org>

Copyright (c) 2005-2018 Mike McCauley <mikem@airspayce.com>

## Third-Party Notices

---

Copyright (c) 2018- Chris Novakovic <chris@chrisn.me.uk>

Copyright (c) 2018- Tuure Vartiainen <vartiait@radiatorsoftware.com>

Copyright (c) 2018- Heikki Vatiainen <hvn@radiatorsoftware.com>

-----separator-----

FOURTH-PARTY DEPENDENCY #20 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #21 LWP::Protocol::http

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1995 by Gisle Aas.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Digest::MD5

== License Type

Perl

== Copyright Notices

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Digest::base

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Encode::Locale

== License Type  
Perl

== Copyright Notices  
Copyright 2010 Gisle Aas <gisle@aa.no>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 Encode::Alias

== License Type  
Perl

== Copyright Notices  
Copyright 2010 Gisle Aas <gisle@aa.no>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 File::Listing

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1996-2020 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 HTTP::Date

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 Time::Local

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

The full text of the license can be found in the LICENSE file included with this distribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #29 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #30 Time::Zone

== License Type  
Perl

== Copyright Notices  
No copyright info from source

---

-----separator-----

FOURTH-PARTY DEPENDENCY #31 File::Temp

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Carp::Heavy

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #33 Cwd

== License Type  
Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 File::Path

== License Type  
Perl

== Copyright Notices

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #35 IO::Handle

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #36 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #37 Getopt::Long

== License Type  
Perl

== Copyright Notices  
This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

If you do not have a copy of the GNU General Public License write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 Pod::Perldoc

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 File::Spec::Functions

== License Type  
Perl

== Copyright Notices

---

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 IO::Select

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 Pod::Text

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 Text::ParseWords

== License Type  
Perl

== Copyright Notices

This library is free software; you may redistribute and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 HTML::Entities

== License Type  
Perl

== Copyright Notices

Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 HTML::Tagset

== License Type  
Perl

== Copyright Notices

Copyright 1995-2000 Gisle Aas.

Copyright 2000-2005 Sean M. Burke.

Copyright 2005-2008 Andy Lester.

This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 HTML::Headers

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #48 Clone

== License Type
Perl

== Copyright Notices
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #49 Compress::Raw::Bzip2

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #50 Compress::Raw::Zlib

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #51 Compress::Deflate

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.

-----separator-----
FOURTH-PARTY DEPENDENCY #52 Compress::Gzip

== License Type
Perl

== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
```

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #53 IO::HTML

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #54 IO::Uncompress::Inflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #55 IO::Uncompress::RawInflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #56 LWP::MediaTypes

== License Type  
Perl

== Copyright Notices

Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #57 MIME::QuotedPrint

== License Type

---

Perl

== Copyright Notices  
Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #58 URI

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #59 Net::Domain

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #60 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #61 Socket

== License Type  
Perl

== Copyright Notices  
No copyright info from the source.

-----separator-----  
FOURTH-PARTY DEPENDENCY #62 IO::File

== License Type  
Perl

== Copyright Notices  
No copyright info from the source.

-----separator-----  
FOURTH-PARTY DEPENDENCY #63 URI::URL

== License Type  
Perl

== Copyright Notices  
Copyright 1998-2000 Gisle Aas.

-----separator-----  
FOURTH-PARTY DEPENDENCY #64 HTML::HeadParser

== License Type  
Perl

== Copyright Notices  
Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #65 HTTP::Cookies

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #66 HTTP::Headers::Util

== License Type  
Perl

---

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #67 IO::Compress::Bzip2

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #68 HTTP::Request

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #69 HTTP::Negotiate

== License Type

Perl

== Copyright Notices

Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #70 HTTP::Request::Common

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #71 HTTP::Response

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #72 HTTP::Status

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #73 Net::FTP

== License Type  
Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #74 Net::HTTP

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #75 Socket::INET

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

-----separator-----

FOURTH-PARTY DEPENDENCY #76 IO::Uncompress::Gunzip

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #77 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices  
This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #78 URI::Escape

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2004 Gisle Aas.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #79 WWW::RobotRules

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009, Gisle Aas  
Copyright 1995, Martijn Koster  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #80 LWP::UserAgent

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #81 Net::HTTPS

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #82 Pod::Usage

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2013 by Marek Rouchal <marekr@cpan.org>.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

## Third-Party Notices

---

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is,

## Third-Party Notices

---

when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED ""AS IS"" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and

(2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to

## Third-Party Notices

---

attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `"copyright"` line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a `"copyright disclaimer"` for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

---Artistic Licensing 2.0---

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

#### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

## Third-Party Notices

---

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new

instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

#### Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A

## Third-Party Notices

---

PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

---Mozilla Public License 2.0---

### 1. Definitions

#### 1.1. *Contributor*

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

#### 1.2. *Contributor Version*

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

#### 1.3. *Contribution*

means Covered Software of a particular Contributor.

#### 1.4. *Covered Software*

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

#### 1.5. *Incompatible With Secondary Licenses*

means

that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

#### 1.6. *Executable Form*

means any form of the work other than Source Code Form.

#### 1.7. *Larger Work*

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

#### 1.8. *License*

means this document.

#### 1.9. *Licensable*

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

#### 1.10. *Modifications*

means any of the following:

---

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

1.11. *Patent Claims* of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. *Secondary License*

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. *Source Code Form*

means the form of the work preferred for making modifications.

1.14. *You* (or *Your*)

means an individual or a legal entity exercising rights under this License. For legal entities, *You* includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, *control* means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

## Third-Party Notices

---

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <https://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

#### Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

---end of Mozilla Public License 2.0---

"

**Ned Konz,Algorithm::Diff,1.201,"**

TOP-LEVEL copyright for Algorithm::Diff

Parts Copyright (c) 2000-2004 Ned Konz. All rights reserved. Parts by Tye McQueen.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl.

## Third-Party Notices

---

TOP-LEVEL license for Algorithm::Diff

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

"

**Neuman Vong,php-jwt,6.9.0,**

" ----- Top-level license -----

-----

License Name: BSD 3-Clause

Copyright (c) 2011, Neuman Vong

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of Neuman Vong nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- Copyright notices -----
--
Copyright (c) 2011, Neuman Vong"
Oliver, filewalker, 0.1.3,"
```

```
----- Top-level license -----
--
Copyright (c) Oliver Leics oliver.leics@gmail.com
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- Copyright notices -----
--
Copyright (c) Oliver Leics oliver.leics@gmail.com
```

## Third-Party Notices

---

----- Fourth-party information -----  
-----

== NAME OF DEPENDENCY 1

fqueue

== License

Copyright (c) Oliver Leics oliver.leics@gmail.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Copyright notices -----  
--

Copyright (c) Oliver Leics oliver.leics@gmail.com

"

**OpenSSL Project, Net::SSL, 1.92,**"

TOP-LEVEL copyright for Net::SSL

Copyright (c) 1996-2003 Sampo Kellomäki <sampo@iki.fi>

Copyright (c) 2005-2010 Florian Ragwitz <rafl@debian.org>

Copyright (c) 2005-2018 Mike McCauley <mikem@airspayce.com>

Copyright (c) 2018- Chris Novakovic <chris@chrisn.me.uk>

Copyright (c) 2018- Tuure Vartiainen <vartiait@radiatorsoftware.com>

Copyright (c) 2018- Heikki Vartiainen <hvn@radiatorsoftware.com>

TOP-LEVEL license for Net::SSL

---Artistic Licensing 2.0----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

#### Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

Permission for Use and Modification Without Distribution

## Third-Party Notices

---

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

### Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---end of Artistic Licensing 2.0---

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #1 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Encode

== License Type  
Perl

== Copyright Notices

---

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

## Third-Party Notices

---

Substantial contributions by Sean Burke <[sburke@cpan.org](mailto:sburke@cpan.org)>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Scalar::Util

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 if

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and

## Third-Party Notices

---

when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

## Third-Party Notices

---

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except

that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

## Third-Party Notices

---

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

## Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

## Third-Party Notices

---

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

"

**PHP Group, php, 8.2.8,**

" ----- Top-level license -----  
-----

-----  
The PHP License, version 3.01  
Copyright (c) 1999 - 2022 The PHP Group. All rights reserved.  
-----

Redistribution and use in source and binary forms, with or without modification, is permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name "PHP" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact group@php.net.
4. Products derived from this software may not be called "PHP", nor may "PHP" appear in their name, without prior written permission from group@php.net. You may indicate that your software works in conjunction with PHP by saying "Foo for PHP" instead of calling it "PHP Foo" or "phpfoo"
5. The PHP Group may publish revised and/or new versions of the license from time to time. Each version will be given a distinguishing version number.  
Once covered code has been published under a particular version of the license, you may always continue to use it under the terms of that version. You may also choose to use such covered code under the terms of any subsequent version of the license published by the PHP Group. No one other than the PHP Group has the right to modify the terms applicable to covered code created under this License.
6. Redistributions of any form whatsoever must retain the following acknowledgment:

""This product includes PHP software, freely available from  
<<http://www.php.net/software/>>"".

THIS SOFTWARE IS PROVIDED BY THE PHP DEVELOPMENT TEAM ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE PHP DEVELOPMENT TEAM OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
This software consists of voluntary contributions made by many individuals on behalf of the PHP Group.

The PHP Group can be contacted via Email at [group@php.net](mailto:group@php.net).

For more information on the PHP Group and the PHP project, please see <<http://www.php.net>>.

PHP includes the Zend Engine, freely available at  
<<http://www.zend.com>>.

----- Copyright notices -----

--  
file:  
ext/bcmath/libbcmath/LICENSE  
ext/mbstring/libmbfl/LICENSE

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the

## Third-Party Notices

---

Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the

entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a

portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must

---

be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a

work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the

Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses

terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among

countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms

## Third-Party Notices

---

of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

file:  
ext/bcmath/libbcmath/src/\*

Copyright (C) 1991, 1992, 1993, 1994, 1997 Free Software Foundation, Inc.

Copyright (C) 2000 Philip A. Nelson

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either

version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details. (COPYING.LIB)

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to:

The Free Software Foundation, Inc.  
59 Temple Place, Suite 330  
Boston, MA 02111-1307 USA.

You may contact the author by:

e-mail: philnelson@acm.org  
us-mail: Philip A. Nelson  
Computer Science Department, 9062  
Western Washington University  
Bellingham, WA 98226-9062

file:  
ext/calendar/dow.c

\* Copyright 1993-1995, Scott E. Lee, all rights reserved.  
\* Permission granted to use, copy, modify, distribute and sell so long as  
\* the above copyright and this permission statement are retained in all  
\* copies. THERE IS NO WARRANTY - USE AT YOUR OWN RISK.

file:  
ext/date/lib/LICENSE.rst

The MIT License (MIT)

Copyright (c) 2015-2021 Derick Rethans  
Copyright (c) 2017-2019,2021 MongoDB, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

file:  
ext/fileinfo/libmagic/LICENSE

Author: Christos Zoulas <christos@zoulas.com>  
Download: ftp://ftp.astron.com/pub/file/

Files: \*

Copyright:

(C) 1985-1995 Ian F. Darwin

(C) 1994-2009 Christos Zoulas <christos@zoulas.com>

License: BSD

This software is not subject to any export provision of the United States Department of Commerce, and may be exported to any country or planet.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice immediately at the beginning of the file, without modification, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

file:  
ext/filter/logical\_filters.c

\* Michael's regex carries this copyright:  
\*

---

```
* Copyright © Michael Rushton 2009-10
* http://squilloople.com/
* Feel free to use and redistribute this code. But please keep this
copyright notice.
```

```
file:
ext/hash/sha3/*
```

```
To the extent possible under law, the implementer has waived all copyright
and related or neighboring rights to the source code in this file.
http://creativecommons.org/publicdomain/zero/1.0/
```

```
file:
ext/hash/sha3/generic64lc/brg_endian.h
```

```
-----
--
Copyright (c) 1998-2008, Brian Gladman, Worcester, UK. All rights
reserved.
```

#### LICENSE TERMS

The redistribution and use of this software (with or without changes) is allowed without the payment of fees or royalties provided that:

1. source code distributions include the above copyright notice, this list of conditions and the following disclaimer;
2. binary distributions include the above copyright notice, this list of conditions and the following disclaimer in their documentation;
3. the name of the copyright holder is not used to endorse products built using this software without specific written permission.

#### DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

```
-----
--
```

```
file:
ext/mbstring/php_unicode.c
```

Copyright 2001 Computing Research Labs, New Mexico State University

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,

## Third-Party Notices

---

and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE COMPUTING RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

file:  
ext/mysqlnd/mysqlnd\_portability.h

```
/* Copyright Abandoned 1996 TCX DataKonsult AB & Monty Program KB & Detron  
HB  
This file is public domain and comes with NO WARRANTY of any kind */
```

file:  
ext/opcache/jit/dynasm/dasm\_proto.h

```
/*  
** DynASM encoding engine prototypes.  
** Copyright (C) 2005-2021 Mike Pall. All rights reserved.  
** Released under the MIT license. See dynasm.lua for full copyright  
notice.  
*/
```

file:  
ext/opcache/jit/dynasm/minilua.c

```
/*  
*****  
* Copyright (C) 1994-2012 Lua.org, PUC-Rio. All rights reserved.  
*  
* Permission is hereby granted, free of charge, to any person obtaining  
* a copy of this software and associated documentation files (the  
* "Software"), to deal in the Software without restriction, including  
* without limitation the rights to use, copy, modify, merge, publish,  
* distribute, sublicense, and/or sell copies of the Software, and to  
* permit persons to whom the Software is furnished to do so, subject to  
* the following conditions:  
*  
* The above copyright notice and this permission notice shall be  
* included in all copies or substantial portions of the Software.  
*  
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
```

\* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
 \* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.  
 \* IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY  
 \* CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT,  
 \* TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE  
 \* SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
 \*\*\*\*\*  
 \*\*\*\*/

file:  
 ext/opcache/jit/libudis86/LICENSE

Copyright (c) 2002-2012, Vivek Thampi <vivek.mt@gmail.com>  
 All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification,  
 are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
 this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
 notice,  
 this list of conditions and the following disclaimer in the  
 documentation  
 and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
 IS"" AND  
 ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
 IMPLIED  
 WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
 LIABLE FOR  
 ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES  
 (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES;  
 LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
 AND ON  
 ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
 THIS  
 SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

file:  
 ext/opcache/jit/vtune/\*

Copyright (c) 2005-2014 Intel Corporation. All rights reserved.  
 All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification, are permitted provided that the following conditions  
 are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

file:

ext/opcache/zend\_accelerator\_util\_funcs.c

```
/*
 * zend_adler32() is based on zlib implementation
 * Computes the Adler-32 checksum of a data stream
 *
 * Copyright (C) 1995-2005 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 *
 * Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler
 *
 * This software is provided 'as-is', without any express or implied
 * warranty. In no event will the authors be held liable for any damages
 * arising from the use of this software.
 *
 * Permission is granted to anyone to use this software for any purpose,
 * including commercial applications, and to alter it and redistribute it
 * freely, subject to the following restrictions:
 *
 * 1. The origin of this software must not be misrepresented; you must
not
 *    claim that you wrote the original software. If you use this
software
 *    in a product, an acknowledgment in the product documentation would
be
 *    appreciated but is not required.
 * 2. Altered source versions must be plainly marked as such, and must
not be
 *    misrepresented as being the original software.
 * 3. This notice may not be removed or altered from any source
distribution.
```

\*  
\*/

file:  
ext/pcr2/pcr2lib/pcr2.h

Copyright (c) 2016-2020 University of Cambridge

-----  
---  
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.
- \* Neither the name of the University of Cambridge nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF  
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS  
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN  
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE  
POSSIBILITY OF SUCH DAMAGE.

file:  
ext/phar/tar.c

/\* adapted from format\_octal() in libarchive  
\*  
\* Copyright (c) 2003-2009 Tim Kientzle  
\* All rights reserved.  
\*  
\* Redistribution and use in source and binary forms, with or without  
\* modification, are permitted provided that the following conditions  
\* are met:  
\* 1. Redistributions of source code must retain the above copyright  
\* notice, this list of conditions and the following disclaimer.  
\* 2. Redistributions in binary form must reproduce the above copyright  
\* notice, this list of conditions and the following disclaimer in the

## Third-Party Notices

---

```
*      documentation and/or other materials provided with the distribution.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR(S) ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR(S) BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/
```

```
file:
ext/phar/zip.c
```

```
/*
  extracted from libzip
  zip_dirent.c -- read directory entry (local or central), clean dirent
  Copyright (C) 1999, 2003, 2004, 2005 Dieter Baron and Thomas Klausner

  This function is part of libzip, a library to manipulate ZIP archives.
  The authors can be contacted at <nih@giga.or.at>
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE AUTHORS ``AS IS'' AND ANY EXPRESS
OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED.  IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER
IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
*/
```

file:  
ext/standard/base64.h

```
/*
 * NEON implementation is based on
https://github.com/WojciechMula/base64simd
 * which is copyrighted to:
 * Copyright (c) 2015-2018, Wojciech Mula
 * All rights reserved.
 *
 * SSSE3 and AVX2 implementation are based on
https://github.com/aklomp/base64
 * which is copyrighted to:
 *
 * Copyright (c) 2005-2007, Nick Galbreath
 * Copyright (c) 2013-2017, Alfred Klomp
 * Copyright (c) 2015-2017, Wojciech Mula
 * Copyright (c) 2016-2017, Matthieu Darbois
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions are
 * met:
 *
 * - Redistributions of source code must retain the above copyright
notice,
 * this list of conditions and the following disclaimer.
 *
 * - Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in the
 * documentation and/or other materials provided with the distribution.
 *
 * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
""AS
 * IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
 * TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
 * PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
 * HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
 * SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED
 * TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
 * PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
 * LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
 * NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
 * SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */
```

file:  
ext/standard/crypt\_blowfish.c

```
/*
 * The crypt_blowfish homepage is:
 *
 * http://www.openwall.com/crypt/
```

## Third-Party Notices

---

```
*
* This code comes from John the Ripper password cracker, with reentrant
* and crypt(3) interfaces added, but optimizations specific to password
* cracking removed.
*
* Written by Solar Designer <solar at openwall.com> in 1998-2015.
* No copyright is claimed, and the software is hereby placed in the
public
* domain. In case this attempt to disclaim copyright and place the
software
* in the public domain is deemed null and void, then the software is
* Copyright (c) 1998-2015 Solar Designer and it is hereby released to the
* general public under the following terms:
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted.
*
* There's ABSOLUTELY NO WARRANTY, express or implied.
*
* It is my intent that you should be able to use this on your system,
* as part of a software package, or anywhere else to improve security,
* ensure compatibility, or for any other purpose. I would appreciate
* it if you give credit where it is due and keep your modifications in
* the public domain as well, but I don't require that in order to let
* you place this code and any modifications you make under a license
* of your choice.
*
* This implementation is fully compatible with OpenBSD's bcrypt.c for
prefix
* ""$2b$"", originally by Niels Provos <provos at citi.umich.edu>, and it
uses
* some of his ideas. The password hashing algorithm was designed by David
* Mazieres <dm at lcs.mit.edu>. For information on the level of
* compatibility for bcrypt hash prefixes other than ""$2b$"", please
refer to
* the comments in BF_set_key() below and to the included crypt(3) man
page.
*
* There's a paper on the algorithm that explains its design decisions:
*
* http://www.usenix.org/events/usenix99/provos.html
*
* Some of the tricks in BF_ROUND might be inspired by Eric Young's
* Blowfish library (I can't be sure if I would think of something if I
* hadn't seen his code).
*/
```

```
file:
ext/standard/crypt_freesecc
```

```
/*
* This version is derived from the original implementation of FreeSec
* (release 1.1) by David Burren. I've reviewed the changes made in
* OpenBSD (as of 2.7) and modified the original code in a similar way
* where applicable. I've also made it reentrant and made a number of
```

```
* other changes.
* - Solar Designer <solar at openwall.com>
*/

/*
* FreeSec: libcrypt for NetBSD
*
* Copyright (c) 1994 David Burren
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. Neither the name of the author nor the names of other contributors
*    may be used to endorse or promote products derived from this
software
*    without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* $Owl: Owl/packages/glibc/crypt_freeseq.c,v 1.4 2005/11/16 13:08:32
solar Exp $
*
* This is an original implementation of the DES and the crypt(3)
interfaces
* by David Burren <davidb at werj.com.au>.
*
* An excellent reference on the underlying algorithm (and related
* algorithms) is:
*
* B. Schneier, Applied Cryptography: protocols, algorithms,
* and source code in C, John Wiley & Sons, 1994.
*
* Note that in that book's description of DES the lookups for the
initial,
* pbox, and final permutations are inverted (this has been brought to the
* attention of the author). A list of errata for this book has been
```

## Third-Party Notices

---

\* posted to the sci.crypt newsgroup by the author and is available for FTP.

\*

\* ARCHITECTURE ASSUMPTIONS:

\* This code used to have some nasty ones, but these have been removed  
\* by now. The code requires a 32-bit integer type, though.

\*/

file:

ext/standard/flock\_compat.c

/\*

\* Program: Unix compatibility routines

\*

\* Author: Mark Crispin

\* Networks and Distributed Computing

\* Computing & Communications

\* University of Washington

\* Administration Building, AG-44

\* Seattle, WA 98195

\* Internet: MRC@CAC.Washington.EDU

\*

\* Date: 14 September 1996

\* Last Edited: 14 August 1997

\*

\* Copyright 1997 by the University of Washington

\*

\* Permission to use, copy, modify, and distribute this software and its  
\* documentation for any purpose and without fee is hereby granted,  
provided

\* that the above copyright notice appears in all copies and that both the  
\* above copyright notice and this permission notice appear in supporting  
\* documentation, and that the name of the University of Washington not be  
\* used in advertising or publicity pertaining to distribution of the  
software

\* without specific, written prior permission. This software is made  
available

\* "as is", and

\* THE UNIVERSITY OF WASHINGTON DISCLAIMS ALL WARRANTIES, EXPRESS OR  
IMPLIED,

\* WITH REGARD TO THIS SOFTWARE, INCLUDING WITHOUT LIMITATION ALL IMPLIED  
\* WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND  
IN

\* NO EVENT SHALL THE UNIVERSITY OF WASHINGTON BE LIABLE FOR ANY SPECIAL,  
\* INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING  
FROM

\* LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, TORT  
\* (INCLUDING NEGLIGENCE) OR STRICT LIABILITY, ARISING OUT OF OR IN  
CONNECTION

\* WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*/

file:

ext/standard/html\_tables/mappings/8859-1.TXT

```
#
# Name: ISO/IEC 8859-1:1998 to Unicode
# Unicode version: 3.0
# Table version: 1.0
# Table format: Format A
# Date: 1999 July 27
# Authors: Ken Whistler <kenw@sybase.com>
#
# Copyright (c) 1991-1999 Unicode, Inc. All Rights reserved.
#
# This file is provided as-is by Unicode, Inc. (The Unicode
Consortium).
# No claims are made as to fitness for any particular purpose. No
# warranties of any kind are expressed or implied. The recipient
# agrees to determine applicability of information provided. If
this
# file has been provided on optical media by Unicode, Inc., the sole
# remedy for any claim will be exchange of defective media within 90
# days of receipt.
#
# Unicode, Inc. hereby grants the right to freely use the
information
# supplied in this file in the creation of products supporting the
# Unicode Standard, and to make copies of this file in any form for
# internal or external distribution as long as this notice remains
# attached.
#
# General notes:
#
# This table contains the data the Unicode Consortium has on how
# ISO/IEC 8859-1:1998 characters map into Unicode.
#
# Format: Three tab-separated columns
# Column #1 is the ISO/IEC 8859-1 code (in hex as 0xXX)
# Column #2 is the Unicode (in hex as 0XXXXX)
# Column #3 the Unicode name (follows a comment sign, '#')
#
# The entries are in ISO/IEC 8859-1 order.
#
# Version history
# 1.0 version updates 0.1 version by adding mappings for all
# control characters.
#
# Updated versions of this file may be found in:
# <ftp://ftp.unicode.org/Public/MAPPINGS/>
#
# Any comments or problems, contact <errata@unicode.org>
# Please note that <errata@unicode.org> is an archival address;
# notices will be checked, but do not expect an immediate response.
#
```

```
file:
ext/standard/html_tables/mappings/ROMAN.TXT
```

## Third-Party Notices

---

```
#=====
# File name: ROMAN.TXT
#
# Contents: Map (external version) from Mac OS Roman
#           character set to Unicode 2.1 and later.
#
# Copyright: (c) 1994-2002, 2005 by Apple Computer, Inc., all rights
#           reserved.
#
# Contact: charsets@apple.com
#
# Changes:
#
#   c02 2005-Apr-05 Update header comments. Matches internal xml
#                 <cl.1> and Text Encoding Converter 2.0.
#   b4,c1 2002-Dec-19 Update URLs, notes. Matches internal
#                   utom<b5>.
#   b03 1999-Sep-22 Update contact e-mail address. Matches
#                   internal utom<b4>, ufrm<b3>, and Text
#                   Encoding Converter version 1.5.
#   b02 1998-Aug-18 Encoding changed for Mac OS 8.5; change
#                   mapping of 0xDB from CURRENCY SIGN to
#                   EURO SIGN. Matches internal utom<b3>,
#                   ufrm<b3>.
#   n08 1998-Feb-05 Minor update to header comments
#   n06 1997-Dec-14 Add warning about future changes to 0xDB
#                   from CURRENCY SIGN to EURO SIGN. Clarify
#                   some header information
#   n04 1997-Dec-01 Update to match internal utom<n3>, ufrm<n22>:
#                   Change standard mapping for 0xBD from U+2126
#                   to its canonical decomposition, U+03A9.
#   n03 1995-Apr-15 First version (after fixing some typos).
#                   Matches internal ufrm<n9>.
#
# Standard header:
# -----
#
# Apple, the Apple logo, and Macintosh are trademarks of Apple
# Computer, Inc., registered in the United States and other countries.
# Unicode is a trademark of Unicode Inc. For the sake of brevity,
# throughout this document, "Macintosh" can be used to refer to
# Macintosh computers and "Unicode" can be used to refer to the
# Unicode standard.
#
# Apple Computer, Inc. ("Apple") makes no warranty or representation,
# either express or implied, with respect to this document and the
# included data, its quality, accuracy, or fitness for a particular
# purpose. In no event will Apple be liable for direct, indirect,
# special, incidental, or consequential damages resulting from any
# defect or inaccuracy in this document or the included data.
#
# These mapping tables and character lists are subject to change.
# The latest tables should be available from the following:
#
# <http://www.unicode.org/Public/MAPPINGS/VENDORS/APPLE/>
#
```

---

```
# For general information about Mac OS encodings and these mapping
# tables, see the file ""README.TXT"".
```

```
file:
```

```
ext/standard/php_crypt_r.c
```

```
/*
```

```
* License for the Unix md5crypt implementation (md5_crypt):
```

```
*
```

```
* -----
```

```
-----
* ""THE BEER-WARE LICENSE"" (Revision 42):
```

```
* <phk@login.dknet.dk> wrote this file. As long as you retain this
notice you
```

```
* can do whatever you want with this stuff. If we meet some day, and you
think
```

```
* this stuff is worth it, you can buy me a beer in return. Poul-Henning
Kamp
```

```
* -----
```

```
-----
*
```

```
* from FreeBSD: crypt.c,v 1.5 1996/10/14 08:34:02 phk Exp
```

```
* via OpenBSD: md5crypt.c,v 1.9 1997/07/23 20:58:27 kstailey Exp
```

```
* via NetBSD: md5crypt.c,v 1.4.2.1 2002/01/22 19:31:59 he Exp
```

```
*
```

```
*/
```

```
file:
```

```
ext/standard/strnatcmp.c
```

```
Modified for PHP by Andrei Zmievski <andrei@ispi.net>
```

```
strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
```

```
Copyright (C) 2000 by Martin Pool <mbp@humblebug.org.au>
```

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

```
file:
```

```
ext/standard/scanf.c
```

## Third-Party Notices

---

```
/*
    scanf.c --

    This file contains the base code which implements sscanf and by
extension
    fscanf. Original code is from TCL8.3.0 and bears the following
copyright:

    This software is copyrighted by the Regents of the University of
    California, Sun Microsystems, Inc., Scriptics Corporation,
    and other parties. The following terms apply to all files
associated
    with the software unless explicitly disclaimed in individual
files.

    The authors hereby grant permission to use, copy, modify,
distribute,
    and license this software and its documentation for any purpose,
provided
    that existing copyright notices are retained in all copies and
that this
    notice is included verbatim in any distributions. No written
agreement,
    license, or royalty fee is required for any of the authorized
uses.

    Modifications to this software may be copyrighted by their authors
and need not follow the licensing terms described here, provided
that
    the new terms are clearly indicated on the first page of each file
where
    they apply.

    IN NO EVENT SHALL THE AUTHORS OR DISTRIBUTORS BE LIABLE TO ANY
PARTY
    FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL
DAMAGES
    ARISING OUT OF THE USE OF THIS SOFTWARE, ITS DOCUMENTATION, OR ANY
    DERIVATIVES THEREOF, EVEN IF THE AUTHORS HAVE BEEN ADVISED OF THE
    POSSIBILITY OF SUCH DAMAGE.

    THE AUTHORS AND DISTRIBUTORS SPECIFICALLY DISCLAIM ANY WARRANTIES,
    INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY,
    FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. THIS
SOFTWARE
    IS PROVIDED ON AN "AS IS" BASIS, AND THE AUTHORS AND
DISTRIBUTORS HAVE
    NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES,
ENHANCEMENTS, OR
    MODIFICATIONS.

    GOVERNMENT USE: If you are acquiring this software on behalf of
the
    U.S. government, the Government shall have only "Restricted
Rights"
```

in the software and related documentation as defined in the  
Federal Acquisition Regulations (FARs) in Clause 52.227.19 (c) (2). If  
you are acquiring the software on behalf of the Department of Defense,  
the software shall be classified as ""Commercial Computer Software""  
and the Government shall have only ""Restricted Rights"" as defined in  
Clause 252.227-7013 (c) (1) of DFARs. Notwithstanding the foregoing, the  
authors grant the U.S. Government and others acting in its behalf  
the permission to use and distribute the software in accordance with  
the terms specified in this license.  
\*/

file:  
ext/standard/mt\_rand.c

Mersenne Twister random number generator -- a C++ class MTRand  
Based on code by Makoto Matsumoto, Takuji Nishimura, and Shawn Cokus  
Richard J. Wagner v1.0 15 May 2003 rjwagner@writeme.com

The Mersenne Twister is an algorithm for generating random numbers. It  
was designed with consideration of the flaws in various other generators.  
The period,  $2^{19937}-1$ , and the order of equidistribution, 623 dimensions,  
are far greater. The generator is also fast; it avoids multiplication and  
division, and it benefits from caches and pipelines. For more information  
see the inventors' web page at <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

#### Reference

M. Matsumoto and T. Nishimura, ""Mersenne Twister: A 623-Dimensionally  
Equidistributed Uniform Pseudo-Random Number Generator"", ACM Transactions  
on Modeling and Computer Simulation, Vol. 8, No. 1, January 1998, pp 3-30.

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,  
Copyright (C) 2000 - 2003, Richard J. Wagner  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

1. Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.
3. The names of its contributors may not be used to endorse or promote  
products derived from this software without specific prior written

## Third-Party Notices

---

permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

file:

ext/standard/uuencode.c

```
/*
 * Portions of this code are based on Berkeley's uuencode/uudecode
 * implementation.
 *
 * Copyright (c) 1983, 1993
 * The Regents of the University of California. All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 * 1. Redistributions of source code must retain the above copyright
 * notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in the
 * documentation and/or other materials provided with the distribution.
 * 3. All advertising materials mentioning features or use of this
software
 * must display the following acknowledgement:
 * This product includes software developed by the University of
 * California, Berkeley and its contributors.
 * 4. Neither the name of the University nor the names of its contributors
 * may be used to endorse or promote products derived from this
software
 * without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND
 * ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
 * IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
 * ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE
LIABLE
 * FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
 * DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
 * OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
```

```
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,  
STRICT  
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY  
WAY  
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF  
* SUCH DAMAGE.  
*/
```

```
file:  
main/php_open_temporary_file.c
```

```
/* Loosely based on a tempnam() implementation by UCLA */  
  
/*  
* Copyright (c) 1988, 1993  
* The Regents of the University of California. All rights reserved.  
*  
* Redistribution and use in source and binary forms, with or without  
* modification, are permitted provided that the following conditions  
* are met:  
* 1. Redistributions of source code must retain the above copyright  
* notice, this list of conditions and the following disclaimer.  
* 2. Redistributions in binary form must reproduce the above copyright  
* notice, this list of conditions and the following disclaimer in the  
* documentation and/or other materials provided with the distribution.  
* 3. All advertising materials mentioning features or use of this  
software  
* must display the following acknowledgement:  
* This product includes software developed by the University of  
* California, Berkeley and its contributors.  
* 4. Neither the name of the University nor the names of its contributors  
* may be used to endorse or promote products derived from this  
software  
* without specific prior written permission.  
*  
* THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND  
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE  
* ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE  
LIABLE  
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL  
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS  
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,  
STRICT  
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY  
WAY  
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF  
* SUCH DAMAGE.  
*/
```

```
file:
```

## Third-Party Notices

---

main/reentrancy.c

```
/*
 * Copyright (c) 1998 Softweyr LLC. All rights reserved.
 *
 * strtok_r, from Berkeley strtok
 * Oct 13, 1998 by Wes Peters <wes@softweyr.com>
 *
 * Copyright (c) 1988, 1993
 * The Regents of the University of California. All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 * notices, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
 * notices, this list of conditions and the following disclaimer in the
 * documentation and/or other materials provided with the distribution.
 *
 * 3. All advertising materials mentioning features or use of this
software
 * must display the following acknowledgement:
 *
 * This product includes software developed by Softweyr LLC, the
 * University of California, Berkeley, and its contributors.
 *
 * 4. Neither the name of the University nor the names of its contributors
 * may be used to endorse or promote products derived from this
software
 * without specific prior written permission.
 *
 * THIS SOFTWARE IS PROVIDED BY SOFTWEYR LLC, THE REGENTS AND CONTRIBUTORS
 * ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
 * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
 * PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL SOFTWEYR LLC, THE
 * REGENTS, OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL,
 * SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED
 * TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
 * PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
 * LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
 * NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
 * SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 */
```

file:

main/snprintf.c

```
/*
 * Copyright (c) 2002, 2006 Todd C. Miller <Todd.Miller@courtesan.com>
 *
```

```
* Permission to use, copy, modify, and distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL
WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
* ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
* OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
*
* Sponsored in part by the Defense Advanced Research Projects
* Agency (DARPA) and Air Force Research Laboratory, Air Force
* Materiel Command, USAF, under agreement number F39502-99-1-0512.
*/

/* {{{ Apache license */
/* =====
* Copyright (c) 1995-1998 The Apache Group. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
*   ""This product includes software developed by the Apache Group
*   for use in the Apache HTTP server project
*   (http://www.apache.org/).""
*
* 4. The names ""Apache Server"" and ""Apache Group"" must not be used to
* endorse or promote products derived from this software without
* prior written permission.
*
* 5. Redistributions of any form whatsoever must retain the following
* acknowledgment:
*   ""This product includes software developed by the Apache Group
*   for use in the Apache HTTP server project
*   (http://www.apache.org/).""
*
* THIS SOFTWARE IS PROVIDED BY THE APACHE GROUP ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE GROUP OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
```

## Third-Party Notices

---

```
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;  
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,  
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED  
* OF THE POSSIBILITY OF SUCH DAMAGE.  
* =====  
*  
* This software consists of voluntary contributions made by many  
* individuals on behalf of the Apache Group and was originally based  
* on public domain software written at the National Center for  
* Supercomputing Applications, University of Illinois, Urbana-Champaign.  
* For more information on the Apache Group and the Apache HTTP server  
* project, please see <http://www.apache.org/>.  
*  
* This code is based on, and used with the permission of, the  
* SIO stdio-replacement strx_* functions by Panos Tsirigotis  
* <panos@alumni.cs.colorado.edu> for xinetd.  
*/  
/* }}} */  
  
file:  
main/strncpy.c  
  
/*  
* Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>  
* All rights reserved.  
*  
* Redistribution and use in source and binary forms, with or without  
* modification, are permitted provided that the following conditions  
* are met:  
* 1. Redistributions of source code must retain the above copyright  
* notice, this list of conditions and the following disclaimer.  
* 2. Redistributions in binary form must reproduce the above copyright  
* notice, this list of conditions and the following disclaimer in the  
* documentation and/or other materials provided with the distribution.  
* 3. The name of the author may not be used to endorse or promote  
products  
* derived from this software without specific prior written  
permission.  
*  
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED  
WARRANTIES,  
* INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF  
MERCHANTABILITY  
* AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL  
* THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,  
* EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,  
* PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
PROFITS;  
* OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
LIABILITY,  
* WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR  
* OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF  
* ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
*/

file:
sapi/cli/php_http_parser.c

/* Copyright 2009,2010 Ryan Dahl <ry@tinyclouds.org>
*
* Permission is hereby granted, free of charge, to any person obtaining a
copy
* of this software and associated documentation files (the ""Software""),
to
* deal in the Software without restriction, including without limitation
the
* rights to use, copy, modify, merge, publish, distribute, sublicense,
and/or
* sell copies of the Software, and to permit persons to whom the Software
is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be included
in
* all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY,
* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
* FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS
* IN THE SOFTWARE.
*/
```

```
file:
sapi/cli/ps_title.c

/*
* PostgreSQL is released under the PostgreSQL License, a liberal Open
Source
* license, similar to the BSD or MIT licenses.
* PostgreSQL Database Management System (formerly known as Postgres, then
as
* Postgres95)
*
* Portions Copyright (c) 1996-2015, The PostgreSQL Global Development
Group
*
* Portions Copyright (c) 1994, The Regents of the University of
California
*
* Permission to use, copy, modify, and distribute this software and its
```

## Third-Party Notices

---

\* documentation for any purpose, without fee, and without a written  
\* agreement is hereby granted, provided that the above copyright notice  
\* and this paragraph and the following two paragraphs appear in all  
copies.  
\*  
\* IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE TO ANY PARTY  
FOR  
\* DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES,  
INCLUDING  
\* LOST PROFITS, ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS  
DOCUMENTATION,  
\* EVEN IF THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE  
POSSIBILITY OF  
\* SUCH DAMAGE.  
\*  
\* THE UNIVERSITY OF CALIFORNIA SPECIFICALLY DISCLAIMS ANY WARRANTIES,  
\* INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF  
MERCHANTABILITY AND  
\* FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON  
AN  
\* "AS IS" BASIS, AND THE UNIVERSITY OF CALIFORNIA HAS NO OBLIGATIONS TO  
\* PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.  
\*  
\* The following code is adopted from the PostgreSQL's ps\_status(.h/.c).  
\*/

file:  
sapi/fpm/LICENSE

Copyright (c) 2007-2009, Andrei Nigmatulin  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

1. Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY AUTHOR AND CONTRIBUTORS ``AS IS'' AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL AUTHOR OR CONTRIBUTORS BE LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS  
OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY  
OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF  
SUCH DAMAGE.

file:

```
sapi/fpm/tests/fcgi.inc
```

```
/*
 * (c) Pierrick Charron <pierrick@adoy.net>
 *
 * Permission is hereby granted, free of charge, to any person obtaining a
 * copy of
 * this software and associated documentation files (the ""Software""), to
 * deal in
 * the Software without restriction, including without limitation the
 * rights to
 * use, copy, modify, merge, publish, distribute, sublicense, and/or sell
 * copies
 * of the Software, and to permit persons to whom the Software is
 * furnished to do
 * so, subject to the following conditions:
 *
 * The above copyright notice and this permission notice shall be included
 * in all
 * copies or substantial portions of the Software.
 *
 * THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND,
 * EXPRESS OR
 * IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
 * MERCHANTABILITY,
 * FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
 * THE
 * AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
 * LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
 * FROM,
 * OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS
 * IN THE
 * SOFTWARE.
 */
```

```
file:
sapi/litespeed/lsapilib.c
```

Copyright (c) 2002-2018, Lite Speed Technologies Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following  
disclaimer in the documentation and/or other materials provided  
with the distribution.
- \* Neither the name of the Lite Speed Technologies Inc nor the  
names of its contributors may be used to endorse or promote  
products derived from this software without specific prior  
written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

file:  
TSRM/LICENSE

Copyright (c) 1999-2006, Andi Gutmans, Sascha Schumann, Zeev Suraski.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Neither name of the copyright holders nor the names of their contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

file:  
TSRM/threads.m4

- dn1 Copyright (c) 1999, 2000 Sascha Schumann. All rights reserved.
- dn1
- dn1 Redistribution and use in source and binary forms, with or without
- dn1 modification, are permitted provided that the following conditions
- dn1 are met:
- dn1
- dn1 1. Redistributions of source code must retain the above copyright

dn1 notice, this list of conditions and the following disclaimer.  
dn1  
dn1 2. Redistributions in binary form must reproduce the above copyright  
dn1 notice, this list of conditions and the following disclaimer in  
dn1 the documentation and/or other materials provided with the  
dn1 distribution.  
dn1  
dn1 THIS SOFTWARE IS PROVIDED BY SASCHA SCHUMANN ``AS IS'' AND ANY  
dn1 EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
dn1 IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
dn1 PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL SASCHA SCHUMANN OR  
dn1 HIS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
dn1 SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT  
dn1 NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;  
dn1 LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
dn1 HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,  
dn1 STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
dn1 ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED  
dn1 OF THE POSSIBILITY OF SUCH DAMAGE.

file:  
Zend/LICENSE

-----  
The Zend Engine License, Version 2.00  
Copyright (c) 1999-2006 Zend Technologies Ltd. All rights reserved.  
-----

Redistribution and use in source and binary forms, with or without  
modification, is permitted provided that the following conditions  
are met:

1. Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following  
disclaimer in the documentation and/or other materials provided  
with the distribution.
3. The names ""Zend"" and ""Zend Engine"" must not be used to endorse  
or promote products derived from this software without prior  
permission from Zend Technologies Ltd. For written permission,  
please contact [license@zend.com](mailto:license@zend.com).
4. Zend Technologies Ltd. may publish revised and/or new versions  
of the license from time to time. Each version will be given a  
distinguishing version number.  
Once covered code has been published under a particular version  
of the license, you may always continue to use it under the  
terms of that version. You may also choose to use such covered  
code under the terms of any subsequent version of the license  
published by Zend Technologies Ltd. No one other than Zend  
Technologies Ltd. has the right to modify the terms applicable  
to covered code created under this License.

5. Redistributions of any form whatsoever must retain the following acknowledgment:  
"This product includes the Zend Engine, freely available at <http://www.zend.com>"
6. All advertising materials mentioning features or use of this software must display the following acknowledgment:  
"The Zend Engine is freely available at <http://www.zend.com>"

THIS SOFTWARE IS PROVIDED BY ZEND TECHNOLOGIES LTD. ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ZEND TECHNOLOGIES LTD. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----

file:

Zend/zend\_ini\_parser.c

/\* Bison implementation for Yacc-like parsers in C

Copyright (C) 1984, 1989-1990, 2000-2015 Free Software Foundation, Inc.

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see [<http://www.gnu.org/licenses/>](http://www.gnu.org/licenses/).

\*/

/\* As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

---

This special exception was added by the Free Software Foundation in version 2.2 of Bison. \*/

/\* C LALR(1) parser skeleton written by Richard Stallman, by simplifying the original so-called ""semantic"" parser. \*/

```
/*
+-----+
+ | Zend Engine
+ |
+ |-----+
+ | Copyright (c) Zend Technologies Ltd. (http://www.zend.com)
+ |
+ |-----+
+ | This source file is subject to version 2.00 of the Zend license,
+ | that is bundled with this package in the file LICENSE, and is
+ | available through the world-wide-web at the following url:
+ | http://www.zend.com/license/2\_00.txt.
+ |
+ | If you did not receive a copy of the Zend license and are unable to
+ | obtain it through the world-wide-web, please send a note to
+ | license@zend.com so we can mail you a copy immediately.
+ |
+ |-----+
+ | Authors: Zeev Suraski <zeev@php.net>
+ |           Jani Taskinen <jani@php.net>
+ |
+ |-----+
+
*/
```

file:  
Zend/zend\_strtod.c

```
/******
*
* The author of this software is David M. Gay.
*
* Copyright (c) 1991, 2000, 2001 by Lucent Technologies.
*
* Permission to use, copy, modify, and distribute this software for any
* purpose without fee is hereby granted, provided that this entire notice
* is included in all copies of any software which is or includes a copy
* or modification of this software and in all copies of the supporting
```

## Third-Party Notices

---

```
* documentation for such software.
*
* THIS SOFTWARE IS BEING PROVIDED ""AS IS"", WITHOUT ANY EXPRESS OR
IMPLIED
* WARRANTY.  IN PARTICULAR, NEITHER THE AUTHOR NOR LUCENT MAKES ANY
* REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY
* OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.
*
*****/
```

```
file:
Zend/zend_sort.c
```

```
/*
 * Derived from LLVM's libc++ implementation of std::sort.
 *
 *
=====
=
 * libc++ License
 *
=====
=
 *
 * The libc++ library is dual licensed under both the University of
Illinois
 * ""BSD-Like"" license and the MIT license. As a user of this code you
may
 * choose to use it under either license. As a contributor, you agree to
allow
 * your code to be used under both.
 *
 * Full text of the relevant licenses is included below.
 *
 *
=====
=
 *
 * University of Illinois/NCSA
 * Open Source License
 *
 * Copyright (c) 2009-2012 by the contributors listed at
 * http://llvm.org/svn/llvm-project/libcxx/trunk/CREDITS.TXT
 *
 * All rights reserved.
 *
 * Developed by:
 *
 *     LLVM Team
 *
 *     University of Illinois at Urbana-Champaign
 *
 *     http://llvm.org
 *
 *

```

\* Permission is hereby granted, free of charge, to any person obtaining a copy  
\* of this software and associated documentation files (the "Software"),  
to  
\* deal with the Software without restriction, including without  
limitation the  
\* rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or  
\* sell copies of the Software, and to permit persons to whom the Software  
is  
\* furnished to do so, subject to the following conditions:  
\*  
\* \* Redistributions of source code must retain the above copyright  
notice,  
\* this list of conditions and the following disclaimers.  
\*  
\* \* Redistributions in binary form must reproduce the above copyright  
\* notice, this list of conditions and the following disclaimers in  
the  
\* documentation and/or other materials provided with the  
distribution.  
\*  
\* \* Neither the names of the LLVM Team, University of Illinois at  
\* Urbana-Champaign, nor the names of its contributors may be used  
to  
\* endorse or promote products derived from this Software without  
\* specific prior written permission.  
\*  
\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR  
\* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY,  
\* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
\* CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR  
OTHER  
\* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
\* FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS  
\* WITH THE SOFTWARE.  
\*  
\*  
=====  
=  
\*  
\* Copyright (c) 2009-2012 by the contributors listed at  
\* <http://llvm.org/svn/llvm-project/libcxx/trunk/CREDITS.TXT>  
\*  
\* Permission is hereby granted, free of charge, to any person obtaining a  
copy  
\* of this software and associated documentation files (the "Software"),  
to  
\* deal in the Software without restriction, including without limitation  
the  
\* rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or

## Third-Party Notices

---

```
* sell copies of the Software, and to permit persons to whom the Software
is
* furnished to do so, subject to the following conditions:
*
* The above copyright notice and this permission notice shall be included
in
* all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR
* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY,
* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
* FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS
* IN THE SOFTWARE.
*/
```

```
----- Fourth-party information -----
--
```

```
== NAME OF DEPENDENCY 1
OpenLDAP 2.5.16
== License Type
3-clause BSD
== Copyright Notices
Copyright 1998-2022 The OpenLDAP Foundation.
All rights reserved.
```

```
---
The OpenLDAP Public License
Version 2.8, 17 August 2003
```

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions in source form must retain copyright statements and notices,
2. Redistributions in binary form must reproduce applicable copyright statements and notices, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution, and
3. Redistributions must contain a verbatim copy of this document.

The OpenLDAP Foundation may revise this license from time to time. Each revision is distinguished by a version number. You may use this Software under terms of this license revision or under the terms of any subsequent revision of the license.

```
THIS SOFTWARE IS PROVIDED BY THE OPENLDAP FOUNDATION AND ITS
CONTRIBUTORS `AS IS' AND ANY EXPRESSED OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT
```

SHALL THE OPENLDAP FOUNDATION, ITS CONTRIBUTORS, OR THE AUTHOR(S) OR OWNER(S) OF THE SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The names of the authors and copyright holders must not be used in advertising or otherwise to promote the sale, use or other dealing in this Software without specific, written prior permission. Title to copyright in this Software shall at all times remain with copyright holders.

OpenLDAP is a registered trademark of the OpenLDAP Foundation.

Copyright 1999-2003 The OpenLDAP Foundation, Redwood City, California, USA. All Rights Reserved. Permission to copy and distribute verbatim copies of this document is granted.

----- (separator) -----

--

== NAME OF DEPENDENCY 2

libcurl 7.63.0

== License Type

MIT

== Copyright Notices

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2018, Daniel Stenberg, <daniel@haxx.se>, and many contributors, see the THANKS file.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN

NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings

## Third-Party Notices

---

in this Software without prior written authorization of the copyright holder.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

FreeTDS 1.3.11

== License Type

LGPL v2

== Copyright Notices

Copyright (C) 2004-2009 James K. Lowden

Copyright (C) 1998-2004, 2005, 2010 Brian Bruns, Bill Thompson

Copyright (C) 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Brian Bruns

Copyright (C) 2008-2010 Frediano Ziglio

Copyright (c) 2003-2015 Brian M. Clapper, bmc@clapper.org

Copyright (C) 2013 Peter Deacon

Copyright (c) 1987, 1993, 1994 The Regents of the University of California. All rights reserved.

Copyright (c) 2000-2002 Todd C. Miller <Todd.Miller@courtesan.com>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

Cyrus SASL 2.1.28 (BSD?)

== License Type

BSD

== Copyright Notices

/\* CMU libsasl

\* Tim Martin

\* Rob Earhart

\* Rob Siemborski

\*/

/\*

\* Copyright (c) 1998-2003 Carnegie Mellon University. All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without  
\* modification, are permitted provided that the following conditions  
\* are met:

\*

\* 1. Redistributions of source code must retain the above copyright  
\* notice, this list of conditions and the following disclaimer.

\*

\* 2. Redistributions in binary form must reproduce the above copyright  
 \* notice, this list of conditions and the following disclaimer in  
 \* the documentation and/or other materials provided with the  
 \* distribution.

\* 3. The name "'Carnegie Mellon University'" must not be used to  
 \* endorse or promote products derived from this software without  
 \* prior written permission. For permission or any other legal  
 \* details, please contact  
 \* Office of Technology Transfer  
 \* Carnegie Mellon University  
 \* 5000 Forbes Avenue  
 \* Pittsburgh, PA 15213-3890  
 \* (412) 268-4387, fax: (412) 268-7395  
 \* tech-transfer@andrew.cmu.edu

\* 4. Redistributions of any form whatsoever must retain the following  
 \* acknowledgment:

\* "'This product includes software developed by Computing Services  
 \* at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."'

\* CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO  
 \* THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY  
 \* AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE  
 \* FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES  
 \* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN  
 \* AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING  
 \* OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.  
 \*/

----- (separator) -----

--

== NAME OF DEPENDENCY 5

GNU MP 6.2.1

== License Type

LGPL v3 or later, GPL v2 or later

== Copyright Notices

Copyright 1991, 1996, 1999, 2000, 2007 Free Software Foundation, Inc.

This file is part of the GNU MP Library.

The GNU MP Library is free software; you can redistribute it and/or modify  
 it under the terms of either:

\* the GNU Lesser General Public License as published by the Free  
 Software Foundation; either version 3 of the License, or (at your  
 option) any later version.

or

\* the GNU General Public License as published by the Free Software  
 Foundation; either version 2 of the License, or (at your option) any  
 later version.

or both in parallel, as here.

The GNU MP Library is distributed in the hope that it will be useful, but

## Third-Party Notices

---

WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received copies of the GNU General Public License and the GNU Lesser General Public License along with the GNU MP Library. If not, see <https://www.gnu.org/licenses/>.

----- (separator) -----

--

== NAME OF DEPENDENCY 6

OpenSSL 1.1.1w

== License Type

OpenSSL, SSLeay

== Copyright Notices

LICENSE ISSUES

=====

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.

See below for the actual license texts.

OpenSSL License

-----

```
/* =====
 * Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 * notice, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in
 * the documentation and/or other materials provided with the
 * distribution.
 *
 * 3. All advertising materials mentioning features or use of this
 * software must display the following acknowledgment:
 * "This product includes software developed by the OpenSSL Project
 * for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
 *
 * 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be
used to
 * endorse or promote products derived from this software without
 * prior written permission. For written permission, please contact
 * openssl-core@openssl.org.
 *
 * 5. Products derived from this software may not be called "OpenSSL"
 * nor may "OpenSSL" appear in their names without prior written
 * permission of the OpenSSL Project.
```

```

*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
*   ""This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit (http://www.openssl.org/)""

```

```

* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.

```

```

* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

```

Original SSLeay License

```

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
* notice, this list of conditions and the following disclaimer.

```

## Third-Party Notices

---

```
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
* must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the routines from the
library
*   being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*   the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed. i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

----- (separator) -----

--

```
== NAME OF DEPENDENCY 7
Zlib Data Compression Library 1.3 (zlib)
== License Type
zlib
== Copyright Notices
Copyright notice:
```

(C) 1995-2022 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly  
jloup@gzip.org

Mark Adler  
madler@alumni.caltech.edu

----- (separator) -----  
--

== NAME OF DEPENDENCY 8

libjpeg-turbo 3.0.1

== License Type

Independent JPEG Group, Modified BSD 3-clause, zlib License

== Copyright Notices

libjpeg-turbo Licenses

=====

libjpeg-turbo is covered by three compatible BSD-style open source licenses:

- The IJG (Independent JPEG Group) License, which is listed in [README.ijg] (README.ijg)

This license applies to the libjpeg API library and associated programs (any code inherited from libjpeg, and any modifications to that code.)

- The Modified (3-clause) BSD License, which is listed below

This license covers the TurboJPEG API library and associated programs, as well as the build system.

- The [zlib License] (<https://opensource.org/licenses/Zlib>)

This license is a subset of the other two, and it covers the libjpeg-turbo SIMD extensions.

Complying with the libjpeg-turbo Licenses

=====

This section provides a roll-up of the libjpeg-turbo licensing terms, to the best of our understanding.

## Third-Party Notices

---

1. If you are distributing a modified version of the libjpeg-turbo source,  
then:

1. You cannot alter or remove any existing copyright or license notices  
from the source.

**\*\*Origin\*\***

- Clause 1 of the IJG License
- Clause 1 of the Modified BSD License
- Clauses 1 and 3 of the zlib License

2. You must add your own copyright notice to the header of each source  
file you modified, so others can tell that you modified that file  
(if  
there is not an existing copyright header in that file, then you  
can  
simply add a notice stating that you modified the file.)

**\*\*Origin\*\***

- Clause 1 of the IJG License
- Clause 2 of the zlib License

3. You must include the IJG README file, and you must not alter any  
of the  
copyright or license text in that file.

**\*\*Origin\*\***

- Clause 1 of the IJG License

2. If you are distributing only libjpeg-turbo binaries without the  
source, or  
if you are distributing an application that statically links with  
libjpeg-turbo, then:

1. Your product documentation must include a message stating:

This software is based in part on the work of the Independent JPEG  
Group.

**\*\*Origin\*\***

- Clause 2 of the IJG license

2. If your binary distribution includes or uses the TurboJPEG API,  
then  
your product documentation must include the text of the Modified  
BSD  
License (see below.)

**\*\*Origin\*\***

- Clause 2 of the Modified BSD License

3. You cannot use the name of the IJG or The libjpeg-turbo Project or the  
contributors thereof in advertising, publicity, etc.

**\*\*Origin\*\***  
 - IJG License  
 - Clause 3 of the Modified BSD License

4. The IJG and The libjpeg-turbo Project do not warrant libjpeg-turbo to be free of defects, nor do we accept any liability for undesirable consequences resulting from your use of the software.

**\*\*Origin\*\***  
 - IJG License  
 - Modified BSD License  
 - zlib License

The Modified (3-clause) BSD License  
 =====

Copyright (C)2009-2023 D. R. Commander. All Rights Reserved.<br>  
 Copyright (C)2015 Viktor Szathmáry. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the libjpeg-turbo Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Why Three Licenses?  
 =====

## Third-Party Notices

---

The zlib License could have been used instead of the Modified (3-clause) BSD License, and since the IJG License effectively subsumes the distribution conditions of the zlib License, this would have effectively placed libjpeg-turbo binary distributions under the IJG License. However, the IJG License specifically refers to the Independent JPEG Group and does not extend attribution and endorsement protections to other entities. Thus, it was desirable to choose a license that granted us the same protections for new code that were granted to the IJG for code derived from their software.

```
-----separator-----  
--  
== NAME OF DEPENDENCY 9  
freetype 2.13.2  
== License Type  
FreeType, GPL v2 or later  
== Copyright Notices  
FREETYPE LICENSES  
-----
```

The FreeType 2 font engine is copyrighted work and cannot be used legally without a software license. In order to make this project usable to a vast majority of developers, we distribute it under two mutually exclusive open-source licenses.

This means that *\*you\** must choose *\*one\** of the two licenses described below, then obey all its terms and conditions when using FreeType 2 in any of your projects or products.

- The FreeType License, found in the file `docs/FTL.TXT`, which is similar to the original BSD license *\*with\** an advertising clause that forces you to explicitly cite the FreeType project in your product's documentation. All details are in the license file. This license is suited to products which don't use the GNU General Public License.

Note that this license is compatible to the GNU General Public License version 3, but not version 2.

- The GNU General Public License version 2, found in `docs/GPLv2.TXT` (any later version can be used also), for programs which already use the GPL. Note that the FTL is incompatible with GPLv2 due to its advertisement clause.

The contributed BDF and PCF drivers come with a license similar to that of the X Window System. It is compatible to the above two licenses (see files `src/bdf/README` and `src/pcf/README`). The same holds for the source code files `src/base/fthash.c` and `include/freetype/internal/fthash.h`; they were part of the BDF driver in earlier FreeType versions.

The gzip module uses the zlib license (see `src/gzip/zlib.h`) which too is compatible to the above two licenses.

The files `src/autofit/ft-hb.c` and `src/autofit/ft-hb.h` contain code taken almost verbatim from the HarfBuzz file `hb-ft.cc`, which uses the 'Old MIT' license, compatible to the above two licenses.

The MD5 checksum support (only used for debugging in development builds) is in the public domain.

--- end of LICENSE.TXT ---

docs/FTL.TXT:

The FreeType Project LICENSE

-----

2006-Jan-27

Copyright 1996-2002, 2006 by  
David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

=====

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

- o We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)
- o You can use this software for whatever you want, in parts or full form, without having to pay us. (`royalty-free' usage)
- o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

## Third-Party Notices

---

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

```
""""""
Portions of this software are copyright © <year> The FreeType
Project (www.freetype.org). All rights reserved.
""""""
```

Please replace <year> with the value from the FreeType version you actually use.

## Legal Terms

=====

### 0. Definitions

-----

Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the `FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

### 1. No Warranty

-----

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

### 2. Redistribution

-----

This license grants a worldwide, royalty-free, perpetual and

irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- o Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.
- o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

### 3. Advertising

-----

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

### 4. Contacts

-----

There are two mailing lists related to FreeType:

- o [freetype@nongnu.org](mailto:freetype@nongnu.org)

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

## Third-Party Notices

---

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<https://www.freetype.org>

--- end of FTL.TXT ---

src/autofit/ft-hb.c and src/autofit/ft-hb.h:

```
* Copyright © 2009, 2023 Red Hat, Inc.
* Copyright © 2015 Google, Inc.
*
* Permission is hereby granted, without written agreement and without
* license or royalty fees, to use, copy, modify, and distribute this
* software and its documentation for any purpose, provided that the
* above copyright notice and the following two paragraphs appear in
* all copies of this software.
*
* IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR
* DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES
* ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN
* IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
* DAMAGE.
*
* THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING,
* BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
* FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS
* ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO
* PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.
*
* Red Hat Author(s): Behdad Esfahbod, Matthias Clasen
* Google Author(s): Behdad Esfahbod
```

----- (separator) -----

--

```
== NAME OF DEPENDENCY 10
libxslt 1.1.39
== License Type
MIT
== Copyright Notices
Licence for libxslt except libexslt
```

-----  
Copyright (C) 2001-2002 Daniel Veillard. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE DANIEL VEILLARD BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of Daniel Veillard shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

-----  
Licence for libexslt  
-----

Copyright (C) 2001-2002 Thomas Broyer, Charlie Bozeman and Daniel Veillard.  
All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the authors shall not be used in advertising or otherwise to promote the sale, use or other deal-

## Third-Party Notices

---

ings in this Software without prior written authorization from him.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 11
Oniguruma 6.9.8
== License Type
BSD 2-clause
== Copyright Notices
Oniguruma LICENSE
-----
```

Copyright (c) 2002-2021 K.Kosako <kkosako0@gmail.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 12
SQLite 3.39.4
== License Type
Other FSS License
== Copyright Notices
The author disclaims copyright to this source code. In place of
a legal notice, here is a blessing:
```

- \* May you do good and not evil.
- \* May you find forgiveness for yourself and forgive others.
- \* May you share freely, never taking more than you give.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 13
Libxml2 2.9.14
== License Type
MIT
== Copyright Notices
Except where otherwise noted in the source code (e.g. the files hash.c,
```

list.c and the trio files, which are covered by a similar licence but with different Copyright notices) all the files are:

Copyright (C) 1998-2012 Daniel Veillard. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

```
== NAME OF DEPENDENCY 14
ICU 71.1
== License Type
Unicode License v3
== Copyright Notices
UNICODE LICENSE V3
```

COPYRIGHT AND PERMISSION NOTICE

Copyright © 2016-2023 Unicode, Inc.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING DATA FILES, AND/OR SOFTWARE, YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

Permission is hereby granted, free of charge, to any person obtaining a copy of data files and any associated documentation (the "Data Files") or software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a)

## Third-Party Notices

---

this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

---

### Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

---

ICU License - ICU 1.8.1 to ICU 57.1

#### COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation and others  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER

RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

-----  
Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

```
# The Google Chrome software developed by Google is licensed under
# the BSD license. Other software included in this distribution is
# provided under other licenses, as set forth below.
#
# The BSD License
# http://opensource.org/licenses/bsd-license.php
# Copyright (C) 2006-2008, Google Inc.
#
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
met:
#
# Redistributions of source code must retain the above copyright notice,
# this list of conditions and the following disclaimer.
# Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following
# disclaimer in the documentation and/or other materials provided with
# the distribution.
# Neither the name of Google Inc. nor the names of its
# contributors may be used to endorse or promote products derived from
# this software without specific prior written permission.
#
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
# CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
# LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
# CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
# SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
# BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
# LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
# NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
# SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
#
#
```

## Third-Party Notices

---

```
# The word list in cjdict.txt are generated by combining three word
lists
# listed below with further processing for compound word breaking. The
# frequency is generated with an iterative training against Google web
# corpora.
#
# * Libtabe (Chinese)
#   - https://sourceforge.net/project/?group_id=1519
#   - Its license terms and conditions are shown below.
#
# * IPADIC (Japanese)
#   - http://chasen.aist-nara.ac.jp/chasen/distribution.html
#   - Its license terms and conditions are shown below.
#
# -----COPYING.libtabe ---- BEGIN-----
#
# /*
#  * Copyright (c) 1999 TaBE Project.
#  * Copyright (c) 1999 Pai-Hsiang Hsiao.
#  * All rights reserved.
#  *
#  * Redistribution and use in source and binary forms, with or without
#  * modification, are permitted provided that the following conditions
#  * are met:
#  *
#  * . Redistributions of source code must retain the above copyright
#  *   notice, this list of conditions and the following disclaimer.
#  * . Redistributions in binary form must reproduce the above copyright
#  *   notice, this list of conditions and the following disclaimer in
#  *   the documentation and/or other materials provided with the
#  *   distribution.
#  * . Neither the name of the TaBE Project nor the names of its
#  *   contributors may be used to endorse or promote products derived
#  *   from this software without specific prior written permission.
#  *
#  * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
#  * ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
#  * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
#  * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
#  * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
#  * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
#  * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
#  * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
#  * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
#  * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
#  * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
#  * OF THE POSSIBILITY OF SUCH DAMAGE.
#  */
#
# /*
#  * Copyright (c) 1999 Computer Systems and Communication Lab,
#  *                               Institute of Information Science, Academia
#  *                               Sinica. All rights reserved.
#  *
#  *
#  * Redistribution and use in source and binary forms, with or without
#  * modification, are permitted provided that the following conditions
```

```
# * are met:
# *
# * . Redistributions of source code must retain the above copyright
# * notice, this list of conditions and the following disclaimer.
# * . Redistributions in binary form must reproduce the above copyright
# * notice, this list of conditions and the following disclaimer in
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the Computer Systems and Communication Lab
# * nor the names of its contributors may be used to endorse or
# * promote products derived from this software without specific
# * prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
#
# Copyright 1996 Chih-Hao Tsai @ Beckman Institute,
# University of Illinois
# c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4
#
# -----COPYING.libtabe-----END-----
#
# -----COPYING.ipadic-----BEGIN-----
#
# Copyright 2000, 2001, 2002, 2003 Nara Institute of Science
# and Technology. All Rights Reserved.
#
# Use, reproduction, and distribution of this software is permitted.
# Any copy of this software, whether in its original form or modified,
# must include both the above copyright notice and the following
# paragraphs.
#
# Nara Institute of Science and Technology (NAIST),
# the copyright holders, disclaims all warranties with regard to this
# software, including all implied warranties of merchantability and
# fitness, in no event shall NAIST be liable for
# any special, indirect or consequential damages or any damages
# whatsoever resulting from loss of use, data or profits, whether in an
# action of contract, negligence or other tortuous action, arising out
# of or in connection with the use or performance of this software.
#
# A large portion of the dictionary entries
# originate from ICOT Free Software. The following conditions for ICOT
# Free Software applies to the current dictionary as well.
```

## Third-Party Notices

---

```
#
# Each User may also freely distribute the Program, whether in its
# original form or modified, to any third party or parties, PROVIDED
# that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
# on, or be attached to, the Program, which is distributed substantially
# in the same form as set out herein and that such intended
# distribution, if actually made, will neither violate or otherwise
# contravene any of the laws and regulations of the countries having
# jurisdiction over the User or the intended distribution itself.
#
# NO WARRANTY
#
# The program was produced on an experimental basis in the course of the
# research and development conducted during the project and is provided
# to users as so produced on an experimental basis. Accordingly, the
# program is provided without any warranty whatsoever, whether express,
# implied, statutory or otherwise. The term "warranty" used herein
# includes, but is not limited to, any warranty of the quality,
# performance, merchantability and fitness for a particular purpose of
# the program and the nonexistence of any infringement or violation of
# any right of any third party.
#
# Each user of the program will agree and understand, and be deemed to
# have agreed and understood, that there is no warranty whatsoever for
# the program and, accordingly, the entire risk arising from or
# otherwise connected with the program is assumed by the user.
#
# Therefore, neither ICOT, the copyright holder, or any other
# organization that participated in or was otherwise related to the
# development of the program and their respective officials, directors,
# officers and other employees shall be held liable for any and all
# damages, including, without limitation, general, special, incidental
# and consequential damages, arising out of or otherwise in connection
# with the use or inability to use the program or any product, material
# or result produced or otherwise obtained by using the program,
# regardless of whether they have been advised of, or otherwise had
# knowledge of, the possibility of such damages at any time during the
# project or thereafter. Each user will be deemed to have agreed to the
# foregoing by his or her commencement of use of the program. The term
# "use" as used herein includes, but is not limited to, the use,
# modification, copying and distribution of the program and the
# production of secondary products from the program.
#
# In the case where the program, whether in its original form or
# modified, was distributed or delivered to or received by a user from
# any person, organization or entity other than ICOT, unless it makes or
# grants independently of ICOT any specific warranty to the user in
# writing, such person, organization or entity, will also be exempted
# from and not be held liable to the user for any such damages as noted
# above as far as the program is concerned.
#
# -----COPYING.ipadic-----END-----
```

## Lao Word Break Dictionary Data (laodict.txt)

```

# Copyright (C) 2016 and later: Unicode, Inc. and others.
# License & terms of use: http://www.unicode.org/copyright.html
# Copyright (c) 2015 International Business Machines Corporation
# and others. All Rights Reserved.
#
# Project: https://github.com/rober42539/lao-dictionary
# Dictionary: https://github.com/rober42539/lao-dictionary/laodict.txt
# License: https://github.com/rober42539/lao-dictionary/LICENSE.txt
#         (copied below)
#
#   This file is derived from the above dictionary version of Nov 22,
2020
# -----
# Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
met:
#
# Redistributions of source code must retain the above copyright notice,
this
# list of conditions and the following disclaimer. Redistributions in
binary
# form must reproduce the above copyright notice, this list of
conditions and
# the following disclaimer in the documentation and/or other materials
# provided with the distribution.
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
# INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# OF THE POSSIBILITY OF SUCH DAMAGE.
# -----
-----

```

## Burmese Word Break Dictionary Data (burmesedict.txt)

```

# Copyright (c) 2014 International Business Machines Corporation
# and others. All Rights Reserved.
#
# This list is part of a project hosted at:
#   github.com/kanyawtech/myanmar-karen-word-lists
#

```

## Third-Party Notices

---

```
# -----  
-----  
# Copyright (c) 2013, LeRoy Benjamin Sharon  
# All rights reserved.  
#  
# Redistribution and use in source and binary forms, with or without  
# modification, are permitted provided that the following conditions  
# are met: Redistributions of source code must retain the above  
# copyright notice, this list of conditions and the following  
# disclaimer. Redistributions in binary form must reproduce the  
# above copyright notice, this list of conditions and the following  
# disclaimer in the documentation and/or other materials provided  
# with the distribution.  
#  
# Neither the name Myanmar Karen Word Lists, nor the names of its  
# contributors may be used to endorse or promote products derived  
# from this software without specific prior written permission.  
#  
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND  
# CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,  
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF  
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS  
# BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,  
# EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED  
# TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
# DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON  
# ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR  
# TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF  
# THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF  
# SUCH DAMAGE.  
# -----  
-----
```

### Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

#### # 7. Database Ownership

```
#  
# The TZ database itself is not an IETF Contribution or an IETF  
# document. Rather it is a pre-existing and regularly updated work  
# that is in the public domain, and is intended to remain in the  
# public domain. Therefore, BCPS 78 [RFC5378] and 79 [RFC3979] do  
# not apply to the TZ Database or contributions that individuals make  
# to it. Should any claims be made and substantiated against the TZ  
# Database, the organization that is providing the IANA  
# Considerations defined in this RFC, under the memorandum of  
# understanding with the IETF, currently ICANN, may act in accordance  
# with all competent court orders. No ownership claims will be made  
# by ICANN or the IETF Trust on the database or the code. Any person
```

```
# making a contribution to the database or code waives all rights to
# future claims in that contribution or in the TZ Database.
```

-----

Google double-conversion

Copyright 2006-2011, the V8 project authors. All rights reserved.  
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following  
disclaimer in the documentation and/or other materials provided  
with the distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived  
from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----

File: aclocal.m4 (only for ICU4C)  
Section: pkg.m4 - Macros to locate and utilise pkg-config.

Copyright © 2004 Scott James Remnant <scott@netsplit.com>.  
Copyright © 2012-2015 Dan Nicholson <dbn.lists@gmail.com>

This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.

This program is distributed in the hope that it will be useful, but  
WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
General Public License for more details.

You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA

## Third-Party Notices

---

02111-1307, USA.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program.

(The condition for the exception is fulfilled because ICU4C includes a configuration script generated by Autoconf, namely the `configure` script.)

-----  
File: config.guess (only for ICU4C)

This file is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, see <<https://www.gnu.org/licenses/>>.

As a special exception to the GNU General Public License, if you distribute this file as part of a program that contains a configuration script generated by Autoconf, you may include it under the same distribution terms that you use for the rest of that program. This Exception is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3").

(The condition for the exception is fulfilled because ICU4C includes a configuration script generated by Autoconf, namely the `configure` script.)

-----  
File: install-sh (only for ICU4C)

Copyright 1991 by the Massachusetts Institute of Technology

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or

publicity pertaining to distribution of the software without specific, written prior permission. M.I.T. makes no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

----- (separator) -----

--

== LICENSES

.  
 == Text of license (LGPL v2)

GNU LIBRARY GENERAL PUBLIC LICENSE  
 Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.  
 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
 Everyone is permitted to copy and distribute verbatim copies  
 of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is  
 numbered 2 because it goes with version 2 of the ordinary GPL.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called ""this License""). Each licensee is addressed as ""you"".

A ""library"" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ""Library"", below, refers to any such software library or work which has been distributed under these terms. A ""work based on the Library"" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ""modification"".)

""Source code"" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for

---

that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse

engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the

integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the

## Third-Party Notices

---

library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

== Text of license (LGPL v3)  
GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

### 0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d) Do one of the following:

- 0) Convey the Minimal Corresponding Source under the terms of this

License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

### 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser

---

General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

== Text of license (GPL v2)

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original

authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "`Program`", below, refers to any such program or work, and a "`work based on the Program`" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "`modification`".) Each licensee is addressed as "`you`".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively

when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;  
or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to

control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) <year> <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

You should have received a copy of the GNU General Public License along

with this program; if not, write to the Free Software Foundation, Inc.,

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it
```

under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License."

**Paul Gampe, Logfile::Rotate, 1.04,**  
"TOP-LEVEL copyright for Logfile::Rotate

Copyright (c) 1997-99 Paul Gampe. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

IN NO EVENT SHALL THE AUTHORS OR DISTRIBUTORS BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE, ITS DOCUMENTATION, OR ANY DERIVATIVES THEREOF, EVEN IF THE AUTHORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE AUTHORS AND DISTRIBUTORS SPECIFICALLY DISCLAIM ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. THIS SOFTWARE IS PROVIDED ON AN `AS IS' BASIS, AND THE AUTHORS AND DISTRIBUTORS HAVE NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

TOP-LEVEL license for Logfile::Rotate

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or

b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the

Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

## Third-Party Notices

---

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

## Third-Party Notices

---

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of

it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of

## Third-Party Notices

---

the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Pavel Kulchenko,SOAP::Lite,1.27,
"TOP-LEVEL copyright for SOAPLite
```

```
Copyright (C) 2000-2007 Paul Kulchenko. All rights reserved.
Copyright (C) 2007-2008 Martin Kutter
Copyright (C) 2013 Fred Moyer
```

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

This text and all associated documentation for this library is made available under the Creative Commons Attribution-NoDerivs 2.0 license. <http://creativecommons.org/licenses/by-nd/2.0/>

TOP-LEVEL license for SOAPLite

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or

## Third-Party Notices

---

an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the

equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

## Third-Party Notices

---

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use

in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

## Third-Party Notices

---

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

## Third-Party Notices

---

Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

---

```
FOURTH-PARTY DEPENDENCY #8 File::Spec
== License Type
Perl
== Copyright Notices
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #9 Pod::Man
== License Type
Perl
== Copyright Notices
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>
Substantial contributions by Sean Burke <sburke@cpan.org>.
This program is free software; you may redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #10 Pod::Simple
== License Type
Perl
== Copyright Notices
Copyright (c) 2002 Sean M. Burke.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
-----separator-----
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes
== License Type
Perl
== Copyright Notices
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
Portions of the data tables in this module are derived from the entity
declarations in the W3C XHTML specification.
Currently (October 2001), that's these three:
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent
-----separator-----
FOURTH-PARTY DEPENDENCY #12 Cwd
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
```

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright

(C) 2014 cPanel Inc. All rights reserved. This program is free software;

you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Class::Inspector

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002-2019 by Adam Kennedy.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Compress::Zlib

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Time::Local

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky. This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Compress::Zlib

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Compress::Zlib

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Compress::Raw::Bzip2

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Compress::Raw::Bzip2

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 Compress::Raw::Zlib

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 IO::SessionData

== License Type

Perl

== Copyright Notices

Copyright (C) 2000 Lincoln D. Stein

## Third-Party Notices

---

Slightly modified by Paul Kulchenko to work on multiple platforms  
Formatting changed to match the layout layed out in Perl Best Practices  
(by Damian Conway) by Martin Kutter in 2008

Packaged extracted from SOAP::Lite by Fred Moyer

This library is free software; you can redistribute it and/or modify  
it under the same terms as Perl itself, either Perl version 5.16.1 or,  
at your option, any later version of Perl 5 you may have available.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 IO::Socket::SSL

== License Type

Perl

== Copyright Notices

The original versions of this module are Copyright (C) 1999-2002 Marko  
Asplund.

The rewrite of this module is Copyright (C) 2002-2005 Peter Behroozi.

Versions 0.98 and newer are Copyright (C) 2006-2014 Steffen Ullrich.

This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 Mozilla::CA

== License Type

Mozilla Public License, v. 2.0

== Copyright Notices

Copyright not available

----- MOZILLA PUBLIC LICENSE V2 -----

Mozilla Public License

Version 2.0

1. Definitions

1.1. *Contributor*

means each individual or legal entity that creates, contributes to the  
creation of, or owns Covered Software.

1.2. *Contributor Version*

means the combination of the Contributions of others (if any) used by a  
Contributor and that particular Contributor's Contribution.

1.3. *Contribution*

means Covered Software of a particular Contributor.

1.4. *Covered Software*

means Source Code Form to which the initial Contributor has attached the  
notice in Exhibit A, the Executable Form of such Source Code Form, and  
Modifications of such Source Code Form, in each case including portions  
thereof.

1.5. *Incompatible With Secondary Licenses*

means

that the initial Contributor has attached the notice described in Exhibit  
B to the Covered Software; or

that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. *Executable Form*

means any form of the work other than Source Code Form.

1.7. *Larger Work*

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. *License*

means this document.

1.9. *Licensable*

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. *Modifications*

means any of the following:

any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

any new file in Source Code Form that contains any Covered Software.

1.11. *Patent Claims* of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. *Secondary License*

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. *Source Code Form*

means the form of the work preferred for making modifications.

1.14. *You* (or *Your*)

means an individual or a legal entity exercising rights under this License. For legal entities, *You* includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, *control* means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

## Third-Party Notices

---

under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

for any code that a Contributor has removed from Covered Software; or

for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the

terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from

such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

#### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

#### 10. Versions of the License

##### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

##### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

##### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

##### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <https://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

## Third-Party Notices

---

You may add additional accurate notices of copyright ownership.

Exhibit B -  `incompatible With Secondary Licenses`  Notice

This Source Code Form is  `incompatible With Secondary Licenses` , as defined by the Mozilla Public License, v. 2.0.

----- END MOZILLA PUBLIC LICENSE V2 -----

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Net::SSLeay

== License Type

Artistic License 2.0

== Copyright Notices

Copyright (c) 1996-2003 Sampo Kellomäki <sampo@iki.fi>

Copyright (c) 2005-2010 Florian Ragwitz <rafl@debian.org>

Copyright (c) 2005-2018 Mike McCauley <mikem@airspayce.com>

Copyright (c) 2018- Chris Novakovic <chris@chrisn.me.uk>

Copyright (c) 2018- Tuure Vartiainen <vartiait@radiatorsoftware.com>

Copyright (c) 2018- Heikki Vartiainen <hvn@radiatorsoftware.com>

All rights reserved.

----- ARTISTIC LICENSE 2.0 -----

Copyright (c) 2000-2006, The Perl Foundation.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

Definitions

""Copyright Holder"" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

""Contributor"" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

## Third-Party Notices

---

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "'AS IS' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- END ARTISTIC LICENSE 2.0 -----

-----separator-----

FOURTH-PARTY DEPENDENCY #29 LWP::Protocol::https

== License Type

Perl

== Copyright Notices

Copyright (c) 1997-2011 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Net::HTTPS

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 IO::Socket::INET

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 IO::Uncompress::Gunzip

== License Type

## Third-Party Notices

---

```
Perl
== Copyright Notices
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
-----separator-----
== License Type
Perl
== Copyright Notices
Copyright 1995-2009 Gisle Aas.
Copyright 1995 Martijn Koster.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #34 Net::Domain
== License Type
Perl
== Copyright Notices
Copyright (C) 1995-1998 Graham Barr. All rights reserved.
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.
-----separator-----
FOURTH-PARTY DEPENDENCY #35 IO::Select
== License Type
Perl
== Copyright Notices
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #36 Socket
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #37 Cwd
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
-----separator-----
FOURTH-PARTY DEPENDENCY #38 Data::Dumper
== License Type
Perl
== Copyright Notices
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This
program is free software; you can redistribute it and/or modify it under
the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #39 LWP::Protocol::https
== License Type
Perl
```

---

```
== Copyright Notices
Copyright (c) 1997-2011 Gisle Aas.
-----separator-----
FOURTH-PARTY DEPENDENCY #40 IO::SessionData
== License Type
Perl
== Copyright Notices
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #41 IO::SessionData
== License Type
Perl
== Copyright Notices
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #40 LWP::UserAgent

== License Type
Perl
```

```
== Copyright Notices
Copyright 1995-2009 Gisle Aas.
```

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

```
-----separator-----
FOURTH-PARTY DEPENDENCY #41 Exporter

== License Type
Perl
```

```
== Copyright Notices
No copyright info from source
```

```
-----separator-----
FOURTH-PARTY DEPENDENCY #42 Digest::MD5

== License Type
Perl
```

```
== Copyright Notices
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
Copyright 1998-2003 Gisle Aas.
Copyright 1995-1996 Neil Winton.
Copyright 1991-1992 RSA Data Security, Inc.
The MD5 algorithm is defined in RFC 1321. This implementation is derived
from the reference C code in RFC 1321 which is covered by the following
copyright statement:
```

```
Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights
reserved.
```

## Third-Party Notices

---

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 Encode::Locale

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #44 File::Listing

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1996-2020 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #45 Getopt::Long

== License Type  
Perl Artistic License or GNU General Public License

== Copyright Notices  
This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY

---

or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 HTML::Entities

== License Type

Perl

== Copyright Notices

Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 HTML::HeadParser

== License Type

Perl

== Copyright Notices

Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 HTTP::Cookies

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #49 HTTP::Date

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #50 HTTP::Negotiate

== License Type

Perl

## Third-Party Notices

---

== Copyright Notices  
Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #51 HTTP::Request

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #52 HTTP::Request::Common

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #53 HTTP::Response

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #54 HTTP::Status

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #55 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #56 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #57 LWP::MediaTypes

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999 Gisle Aas.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #58 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>

## Third-Party Notices

---

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #59 Net::FTP

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #60 Net::HTTP

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #61 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

---

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #62 URI

== License Type

Perl

== Copyright Notices

Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #63 URI::Escape

== License Type

Perl

== Copyright Notices

Copyright 1995-2004 Gisle Aas.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #64 WWW::RobotRules

== License Type

Perl

== Copyright Notices

Copyright 1995-2009, Gisle Aas

Copyright 1995, Martijn Koster

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #65 Task::Weaken

== License Type

Perl

## Third-Party Notices

---

== Copyright Notices

Copyright 2006 - 2011 Adam Kennedy.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The full text of the license can be found in the LICENSE file included with this module.

-----separator-----

FOURTH-PARTY DEPENDENCY #66 XML::Parser

== License Type

Perl

== Copyright Notices

No copyright information found.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course,

---

the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you

## Third-Party Notices

---

duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall

under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it.

## Third-Party Notices

---

You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING

WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the

## Third-Party Notices

---

appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Peter Wainwright,SVG::Parser,1.03,
"TOP-LEVEL copyright for SVG::Parser
```

```
Copyright (c) 2001,2006 Peter Wainwright, peter@cybrid.net
```

```
This program is free software; you may redistribute it and/or modify it
under
the same terms as Perl itself.
```

```
TOP-LEVEL license for SVG::Parser
```

```
---Perl Licensing---
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

```
It is free software; you can redistribute it and/or modify it under the
terms of either:
```

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

```
For those of you that choose to use the GNU General Public License, my
interpretation of the GNU General Public License is that no Perl script
falls under the terms of the GPL unless you explicitly put said script
under the terms of the GPL yourself.
```

```
Furthermore, any object code linked with perl does not automatically fall
under the terms of the GPL, provided such object code only adds
definitions of subroutines and variables, and does not otherwise impair
the resulting interpreter from executing any standard Perl script. I
consider linking in C subroutines in this manner to be the moral
```

---

equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved,

## Third-Party Notices

---

and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this

Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

## Third-Party Notices

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source

---

code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the

## Third-Party Notices

---

corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY

FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

## Third-Party Notices

---

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 XML::NamespaceSupport

```
== License Type
Perl
```

```
== Copyright Notices
```

```
This software is copyright (c) 2015 by Robin Berjon.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #2 XML::SAX

```
== License Type
Perl
```

```
== Copyright Notices
```

```
This is free software, you may use it and distribute it under the same
terms as Perl itself.
```

```
-----separator-----
```

FOURTH-PARTY DEPENDENCY #3 XML::SAX::Expat

```
== License Type
```

---

Perl

== Copyright Notices

Copyright (c) 2001-2008 Robin Berjon. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 constant

== License Type

Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 File::Temp

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XML::SAX::Base

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #7 XML::Parser

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Carp

== License Type

Perl

## Third-Party Notices

---

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Carp::Heavy

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 IO::Seekable

== License Type  
Perl

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 LWP::UserAgent

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #16 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #18 Digest::MD5

== License Type  
Perl

== Copyright Notices

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Encode::Locale

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #20 File::Listing

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 1996-2020 by Gisle Aas.

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Getopt::Long

== License Type

Perl Artistic License or GNU General Public License

== Copyright Notices

This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 HTML::Entities

== License Type

Perl

== Copyright Notices

Copyright 1995-2006 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 HTML::HeadParser

== License Type

Perl

== Copyright Notices

Copyright 1996-2001 Gisle Aas. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 HTTP::Cookies

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Gisle Aas.

## Third-Party Notices

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 HTTP::Date

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1995-2019 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 HTTP::Negotiate

== License Type

Perl

== Copyright Notices

Copyright 1996,2001 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 HTTP::Request

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 HTTP::Request::Common

== License Type

Perl

== Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 HTTP::Response

== License Type

Perl

## == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 HTTP::Status

## == License Type

Perl

## == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 IO::Select

## == License Type

Perl

## == Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 IO::Socket

## == License Type

Perl

## == Copyright Notices

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 LWP::MediaTypes

## == License Type

Perl

## == Copyright Notices

Copyright 1995-1999 Gisle Aas.

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 MIME::Base64

== License Type

Perl

== Copyright Notices

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Net::FTP

== License Type

Perl

== Copyright Notices

Copyright (C) 1995-2004 Graham Barr. All rights reserved.

Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #36 Net::HTTP

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #37 Try::Tiny

== License Type

MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright Notices

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

This is free software, licensed under:

The MIT (X11) License

-----separator-----  
FOURTH-PARTY DEPENDENCY #38 URI

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2009 Gisle Aas.

Copyright 1995 Martijn Koster.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #39 URI::Escape

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2004 Gisle Aas.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 WWW::RobotRules

== License Type

Perl

== Copyright Notices

Copyright 1995-2009, Gisle Aas

Copyright 1995, Martijn Koster

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 Pod::Man

== License Type

Perl

---

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #45 Digest::base

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #46 Encode::Alias

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #47 Pod::Usage

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #48 HTML::Tagset

== License Type  
Perl

== Copyright Notices  
Copyright 1995-2000 Gisle Aas.

Copyright 2000-2005 Sean M. Burke.

Copyright 2005-2008 Andy Lester.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #49 HTTP::Headers

== License Type  
Perl

## Third-Party Notices

---

### == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #50 IO::File

### == License Type

Perl

### == Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #51 URI::URL

### == License Type

Perl

### == Copyright Notices

Copyright 1998-2000 Gisle Aas.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 HTTP::Headers::Util

### == License Type

Perl

### == Copyright Notices

This software is copyright (c) 1994 by Gisle Aas.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #53 Time::Zone

### == License Type

Perl

### == Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #54 IO::Socket::INET

### == License Type

Perl

### == Copyright Notices

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

---

-----separator-----

FOURTH-PARTY DEPENDENCY #55 IO::Uncompress::Gunzip

== License Type

Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #56 base

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #57 Storable

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #58 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #59 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #60 Pod::Perldoc

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2007 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #61 Clone

== License Type  
Perl

== Copyright Notices  
Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #62 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #63 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #64 Compress::Bzip2

---

== License Type  
Perl

== Copyright Notices  
Copyright (C) 2005 by Rob Janes

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.3 or, at your option, any later version of Perl 5 you may have available.

-----separator-----  
FOURTH-PARTY DEPENDENCY #65 Compress::Deflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #66 Compress::Gzip

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #67 IO::HTML

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2020 by Christopher J. Madsen.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #68 IO::Uncompress::Inflate

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #69 IO::Uncompress::RawInflate

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #70 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notices

Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #71 Net::Domain

== License Type  
Perl

== Copyright Notices

Copyright (C) 1995-1998 Graham Barr. All rights reserved.

Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #72 XSLoader

== License Type  
Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #73 Pod::Escapes

== License Type  
Perl

---

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #74 Text::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #75 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #76 File::Spec::Functions

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #77 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #78 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002-2004 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #79 Pod::Text

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #80 Text::ParseWords

== License Type  
Perl

== Copyright Notices  
This library is free software; you may redistribute and/or modify it under the same terms as Perl itself.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #81 Time::Local

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #82 Socket

== License Type  
Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #83 SVG

== License Type  
Perl

== Copyright Notices

Copyright 2001- Ronan Oger

The modules in the SVG distribution are distributed under the same license as Perl itself. It is provided free of warranty and may be re-used freely.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair

## Third-Party Notices

---

the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

## Third-Party Notices

---

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.

---

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

## Third-Party Notices

---

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Phil Pearl,Mail::IMAPClient,3.43,
"TOP-LEVEL copyright for Mail::IMAPClient
```

```
Copyright (C) 1999-2003 The Kernen Group, Inc.
Copyright (C) 2007-2009 Mark Overmeer
Copyright (C) 2010-2021 Phil Pearl (Lobbes)
All rights reserved.
```

```
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself, either Perl version 5.8.0 or, at your
option, any later version of Perl 5 you may have available.
```

```
This program is distributed in the hope that it will be useful, but
WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY
or FITNESS FOR A PARTICULAR PURPOSE. See either the GNU General Public
License or the Artistic License for more details.
```

```
TOP-LEVEL license for Mail::IMAPClient
```

```
---Perl Licensing---
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

## Third-Party Notices

---

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make

reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
    - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
    - b) accompany the distribution with the machine-readable source of the Package with your modifications.
    - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
    - d) make other distribution arrangements with the Copyright Holder.
  5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
  6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
  7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
  8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
  9. The name of the Copyright Holder may not be used to endorse or promote

---

products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free

## Third-Party Notices

---

software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

---

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

## Third-Party Notices

---

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

---

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #1 Carp
```

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 File::Temp

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::File

== License Type  
Perl

== Copyright Notices

No copyright info from source

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #18 IO::Select

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::Socket::INET

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights  
reserved. This program is free software; you can redistribute it and/or  
modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 MIME::Base64

== License Type  
Perl

== Copyright Notices  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #23 Text::Balanced

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997-2001 Damian Conway. All rights reserved.

Copyright (C) 2009 Adam Kennedy.

Copyright (C) 2015, 2020, 2022 Steve Hay and other contributors. All  
rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

## Third-Party Notices

---

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #26 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #27 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 File::Path

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 Carp::Heavy

== License Type  
Perl

---

== Copyright Notices  
No copyright info from source

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

## Third-Party Notices

---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or

an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the

## Third-Party Notices

---

equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use

## Third-Party Notices

---

in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

## Third-Party Notices

---

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

Philippe Bruhat, HTTP::Proxy, 0.304, "TOP-LEVEL copyright for HTTP::Proxy

Copyright 2002-2015, Philippe Bruhat.

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

TOP-LEVEL license for HTTP::Proxy

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package

modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall

## Third-Party Notices

---

neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free

software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use

the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED

## Third-Party Notices

---

TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 HTTP::Date

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1995-2019 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 HTTP::Request

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 HTTP::Response

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 HTTP::Status

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 IO::Socket::IP

== License Type  
Perl

== Copyright Notice  
Paul Evans <leonerd@leonerd.org.uk>

-----separator-----

FOURTH-PARTY DEPENDENCY #7 LWP::MediaTypes

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Socket

== License Type  
Perl

== Copyright Notice  
This module was originally maintained in Perl core by the Perl 5 Porters.  
It was extracted to dual-life on CPAN at version 1.95 by Paul Evans  
<leonerd@leonerd.org.uk>

-----separator-----

## FOURTH-PARTY DEPENDENCY #9 Exporter

== License Type  
Perl

== Copyright Notice  
This library is free software. You can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

## FOURTH-PARTY DEPENDENCY #10 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notice  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

## FOURTH-PARTY DEPENDENCY #11 Time::Local

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky. This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

## FOURTH-PARTY DEPENDENCY #12 Time::Zone

== License Type  
Perl

== Copyright Notice  
Graham Barr <gbarr@pobox.com> David Muir Sharnoff <muir@idiom.com> Paul Foley <paul@ascent.com>

-----separator-----

## FOURTH-PARTY DEPENDENCY #13 Clone

== License Type  
Perl

== Copyright Notice  
Ray Finch <rdf@cpan.org>  
Breno G. de Oliveira <garu@cpan.org>, Nicolas Rochelemagne <atoomic@cpan.org> and Florian Ragwitz <rafl@debian.org> perform routine maintenance releases since 2012.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Encode::Locale

== License Type  
Perl

== Copyright Notice  
Copyright 2010 Gisle Aas <gisle@aas.no>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO::Compress::Bzip2

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 IO::Compress::Deflate

== License Type  
Perl

---

```
== Copyright Notice
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #19 IO::Compress::Gzip
```

```
== License Type
Perl
```

```
== Copyright Notice
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #20 IO::HTML
```

```
== License Type
Perl
```

```
== Copyright Notice
This software is copyright (c) 2020 by Christopher J. Madsen.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #21 IO::Uncompress::Inflate
```

```
== License Type
Perl
```

```
== Copyright Notice
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #22 IO::Uncompress::RawInflate
```

```
== License Type
Perl
```

```
== Copyright Notice
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #23 LWP::MediaTypes
```

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 MIME::Base64

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.  
Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>  
The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1997,2002-2004 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 URI

== License Type  
Perl

== Copyright Notice  
Copyright 1995-2009 Gisle Aas.  
Copyright 1995 Martijn Koster.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 Data::Dumper

---

== License Type  
Perl

== Copyright Notice  
Gurusamy Sarathy gsar@activestate.com  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Encode

== License Type  
Perl

== Copyright Notice  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 File::Spec

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Pod::Man

== License Type  
Perl

== Copyright Notice  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>  
Substantial contributions by Sean Burke <sburke@cpan.org>.  
This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #31 constant

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1997, 1999 Tom Phoenix

## Third-Party Notices

---

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 Encode::Alias

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #33 Cwd

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.  
Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #34 Net::Domain

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.  
This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself, i.e. under the terms of either the GNU General Public License or the Artistic License, as specified in the LICENCE file.

-----separator-----

FOURTH-PARTY DEPENDENCY #35 Storable

== License Type  
Perl

== Copyright Notice  
Storable was written by Raphael Manfredi <Raphael\_Manfredi@pobox.com>  
Maintenance is now done by cperl.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #36 parent

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04. This module is released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #37 Scalar::Util

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>.  
Copyright (C) 2004, 2008 Matthijs van Duin.  
All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #38 IO::Select

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #39 IO::Socket

== License Type  
Perl

== Copyright Notice  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.  
The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #40 XSLoader

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1990-2011 by Larry Wall and others.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #41 File::Temp

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #42 Carp::Heavy

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #43 File::Path

== License Type  
Perl

== Copyright Notice  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved. This  
library is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #44 IO::Handle

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

---

FOURTH-PARTY DEPENDENCY #45 IO::Seekable

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #46 HTTP::Headers::Util

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #47 LWP::ConnCache

== License Type  
Perl

== Copyright Notice  
Copyright 2001 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #48 LWP::UserAgent

== License Type  
Perl

== Copyright Notice  
Copyright 1995-2009 Gisle Aas.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #49 Digest::MD5

== License Type  
Perl

== Copyright Notice  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

## Third-Party Notices

---

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

The MD5 algorithm is defined in RFC 1321. This implementation is derived from the reference C code in RFC 1321 which is covered by the following copyright statement:

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

This copyright does not prohibit distribution of any version of Perl containing this extension under the terms of the GNU or Artistic licenses.

-----separator-----

FOURTH-PARTY DEPENDENCY #50 File::Listing

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 1996-2020 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #51 Getopt::Long

== License Type  
Perl

== Copyright Notice

This program is Copyright 1990,2015 by Johan Vromans. This program is free software; you can redistribute it and/or modify it under the terms of the Perl Artistic License or the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

---

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

If you do not have a copy of the GNU General Public License write to the Free Software Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.

-----separator-----

FOURTH-PARTY DEPENDENCY #52 HTML::Entities

== License Type  
Perl

== Copyright Notice  
Copyright 1995-2006 Gisle Aas. All rights reserved.  
This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #53 HTML::Tagset

== License Type  
Perl

== Copyright Notice  
Copyright 1995-2000 Gisle Aas.  
Copyright 2000-2005 Sean M. Burke.  
Copyright 2005-2008 Andy Lester.  
This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #54 HTTP::Headers

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 1994 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #55 URI::URL

== License Type  
Perl

== Copyright Notice  
Copyright 1998-2000 Gisle Aas.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #56 Net::Domain

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.  
This module is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself, i.e. under the terms of either the  
GNU General Public License or the Artistic License, as specified in the  
LICENCE file.

-----separator-----

FOURTH-PARTY DEPENDENCY #57 IO::File

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #58 HTML::HeadParser

== License Type  
Perl

== Copyright Notice  
Copyright 1996-2001 Gisle Aas. All rights reserved.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #59 HTTP::Cookies

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2002 by Gisle Aas.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #60 HTTP::Negotiate

== License Type  
Perl

---

```
== Copyright Notice
Copyright 1996,2001 Gisle Aas.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #61 HTTP::Request::Common
```

```
== License Type
Perl
```

```
== Copyright Notice
This software is copyright (c) 1994 by Gisle Aas.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #62 Net::FTP
```

```
== License Type
Perl
```

```
== Copyright Notice
Copyright (C) 1995-2004 Graham Barr. All rights reserved.
Copyright (C) 2013-2017, 2020, 2022 Steve Hay. All rights reserved.
This module is free software; you can redistribute it and/or modify it
under the same terms as Perl itself, i.e. under the terms of either the
GNU General Public License or the Artistic License, as specified in the
LICENCE file.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #63 Net::HTTP
```

```
== License Type
Perl
```

```
== Copyright Notice
This software is copyright (c) 2001 by Gisle Aas.
This is free software; you can redistribute it and/or modify it under the
same terms as the Perl 5 programming language system itself.
```

```
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #64 IO::Socket::INET
```

```
== License Type
Perl
```

```
== Copyright Notice
Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #65 IO::Uncompress::Gunzip

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #66 base

== License Type  
Perl

== Copyright Notice  
No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #67 Try::Tiny

== License  
MIT

Copyright (c) 2009 Yuval Kogman

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished  
to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE SOFTWARE.

## == Copyright Notice

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).  
This is free software, licensed under:  
The MIT (X11) License

-----separator-----

FOURTH-PARTY DEPENDENCY #68 URI::Escape

## == License Type

Perl

## == Copyright Notice

Copyright 1995-2004 Gisle Aas.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #69 WWW::RobotRules

## == License Type

Perl

## == Copyright Notice

Copyright 1995-2009, Gisle Aas  
Copyright 1995, Martijn Koster  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #70 Digest::base

## == License Type

Perl

## == Copyright Notice

No Copyright info.

-----separator-----

FOURTH-PARTY DEPENDENCY #71 Pod::Usage

## == License Type

Perl

## == Copyright Notice

The distribution is licensed under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #72 Pod::Perldoc

## == License Type

## Third-Party Notices

---

Perl

== Copyright Notice

Current maintainer: Mark Allen <mallen@cpan.org>

Past contributions from: brian d foy <bdfoy@cpan.org> Adriano R. Ferreira <ferreira@cpan.org>, Sean M. Burke <sburke@cpan.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #73 File::Spec::Functions

== License Type

Perl

== Copyright Notice

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #74 Pod::Simple::RTF

== License Type

Perl

== Copyright Notice

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #75 Pod::Escapes

== License Type

Perl

== Copyright Notice

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml1-lat1.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml1-special.ent>

<http://www.w3.org/TR/xhtml1/DTD/xhtml1-symbol.ent>

-----separator-----

---

FOURTH-PARTY DEPENDENCY #76 Text::Wrap

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #77 if

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2002 by Ilya Zakharevich.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #78 Pod::Simple::RTF

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #79 Pod::Simple::XMLOutputStream

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2002-2004 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #80 Pod::Text

== License Type  
Perl

== Copyright Notice

## Third-Party Notices

---

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019, 2022  
Russ Allbery <rra@cpan.org>

This program is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #81 Pod::Simple

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2002 Sean M. Burke.  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #82 Text::ParseWords

== License Type  
Perl

== Copyright Notice  
This library is free software; you may redistribute and/or modify it under  
the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer

---

to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large

as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly

commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and

disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

## Third-Party Notices

---

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
"Pivotal, Inc.",spring-boot-starter-actuator,3.1.0,"
```

```
*****
***** Copied from LT Public License & Copyright Notices *****
```

Top-Level Component Copyright:

```
-----
```

Spring Boot

```
Copyright (c) 2012-2023 Pivotal, Inc.
```

```
This product is licensed to you under the Apache License, Version 2.0
(the "License"). You may not use this product except in compliance
with
the License.
```

```
=====
```

```
org.springframework.boot:spring-boot-starter-actuator:
```

```
License: Apache License Version 2.0
License text : [0] in License reference.
```

```
Copyright 2002-2023 Pivotal, Inc.
```

```
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
```

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- NOTICE -----

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====  
=====

Fourth-Party Dependencies

org.springframework.boot	spring-boot
org.springframework.boot	spring-boot-autoconfigure
org.springframework.boot	spring-boot-starter
org.springframework.boot	spring-boot-starter-logging
org.springframework.boot	spring-boot-actuator-autoconfigure
org.springframework.boot	spring-boot-actuator

Common Copyright:

License : Apache License Version 2.0

License text : [0] in License reference.

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0

## Third-Party Notices

---

(the "License"). You may not use this product except in compliance with the License.

=====  
=====

### Fourth-Party Dependencies

org.springframework	spring-aop
org.springframework	spring-beans
org.springframework	spring-context
org.springframework	spring-core
org.springframework	spring-expression
org.springframework	spring-jcl

Common Copyright:  
License : Apache License Version 2.0  
License text : [0] in License reference.

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Framework  
Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

=====  
=====

### Fourth-Party Dependencies

```
org.apache.logging.log4j    log4j-api
org.apache.logging.log4j    log4j-to-slf4j
```

License : Apache License Version 2.0 [0]

#### Common Copyright Notice

Copyright 1999-2021 Apache Software Foundation

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache license, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the license for the specific language governing permissions and limitations under the license.

-----  
Apache Log4j  
Copyright 1999-2021 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

=====  
=====

#### Fourth-Party Dependencies

```
ch.qos.logback  logback-classic
ch.qos.logback  logback-core
```

License : GNU Lesser General Public License version 2.1, Eclipse  
Public License v1.0

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2017, QOS.ch. All rights reserved.

## Third-Party Notices

---

This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.

License text : [1], [2] in License reference.

=====  
=====

### Fourth-Party Dependencies

org.slf4j:slf4j-api  
Copyright (c) 2004-2017 QOS.ch

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

### Fourth-Party Dependencies

io.micrometer micrometer-observation  
io.micrometer micrometer-commons

License: Apache License 2.0

License text : [0] in License reference.

## Notices:

Micrometer

Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software  
Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the  
'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

=====  
===

## Third-Party Notices

---

### Fourth-Party Dependencies

jul-to-slf4j  
Copyright (c) 2004-2017 QOS.ch

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

### Fourth-Party Dependencies

jakarta.annotation:jakarta.annotation-api

License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]

Copyright:  
Text of Copyright

Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary

Licenses when the conditions for such availability set forth in the

Eclipse Public License v. 2.0 are satisfied: GNU General Public License,

version 2 with the GNU Classpath Exception, which is available at

---

<https://www.gnu.org/software/classpath/license.html>.  
SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

-----  
# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/common-annotations-api>

## Third-party Content

## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software,

## Third-Party Notices

---

please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

=====  
=====

### Fourth-Party Dependencies

org.yaml snakeyaml

License : Apache License Version 2.0  
License text : [0] in License reference.

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

=====  
=====

### Fourth-Party Dependencies

com.fasterxml.jackson.core jackson-annotations  
com.fasterxml.jackson.core jackson-core  
com.fasterxml.jackson.core jackson-databind  
com.fasterxml.jackson.datatype jackson-datatype-jsr310

License : Apache License Version 2.0 [0]

Common copyright notice:

Copyright (c) 2019 Tatu Saloranta

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

-----  
Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

=====  
=====

#### Fourth-Party Dependencies

io.micrometer     micrometer-core

License : Apache License Version 2.0 [0]

Micrometer

Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

## Third-Party Notices

---

-----  
-----  
This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software  
Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the  
'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

=====  
=====  

### Fourth-Party Dependencies

org.hdrhistogram     HdrHistogram

License Text:

The code in this repository code was Written by Gil Tene, Michael  
Barker,  
and Matt Warren, and released to the public domain, as explained at  
<http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the "BSD"  
license  
rather than under the public domain or CC0 contribution text mentioned  
above, the code found under this directory is *also* provided under  
the  
following license (commonly referred to as the BSD 2-Clause License).  
This

license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

-----  
 \*\* Beginning of "BSD 2-Clause License" text. \*\*

Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene  
 Copyright (c) 2014 Michael Barker  
 Copyright (c) 2014 Matt Warren  
 All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

CC0 License text : [4] in License reference.

=====  
 =====

Fourth-Party Dependencies

## Third-Party Notices

---

org.latencyutils      LatencyUtils

License Text:

\* This code was Written by Gil Tene of Azul Systems, and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

-----  
\*\* Beginning of "BSD 2-Clause License" text. \*\*

Copyright (c) 2012, 2013, 2014 Gil Tene  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

CC0 License text : [4] in License reference.

=====  
 License References are mentioned below.

=====  
 Start License Reference [0]  
 =====

Apache License  
 Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
"Derivative Works" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain of, separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
of  
"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

Entity  
"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)

---

with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
 you may not use this file except in compliance with the License.  
 You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
 distributed under the License is distributed on an "AS IS" BASIS,  
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
 implied.

See the License for the specific language governing permissions and  
 limitations under the License.

=====  
 ===== End License Reference [0]  
 =====

=====  
 ===== Start License Reference [1]  
 =====

GNU LESSER GENERAL PUBLIC LICENSE  
 Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
 Everyone is permitted to copy and distribute verbatim copies  
 of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
 as the successor of the GNU Library Public License, version 2, hence  
 the version number 2.1.]

Preamble

The licenses for most software are designed to take away your  
 freedom to share and change it. By contrast, the GNU General Public  
 Licenses are intended to guarantee your freedom to share and change  
 free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some  
 specially designated software packages--typically libraries--of the  
 Free Software Foundation and other authors who decide to use it. You  
 can use it too, but we suggest you first think carefully about whether  
 this license or the ordinary General Public License is the better  
 strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,  
 not price. Our General Public Licenses are designed to make sure that  
 you have the freedom to distribute copies of free software (and charge  
 for this service if you wish); that you receive source code or can get  
 it if you want it; that you can change the software and use pieces of  
 it in new free programs; and that you are informed that you can do  
 these things.

To protect your rights, we need to make restrictions that forbid  
 distributors to deny you these rights or to ask you to surrender these  
 rights. These restrictions translate to certain responsibilities for

you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this

case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

## Third-Party Notices

---

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

---

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object

file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these,

write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,



""Contributor"" means any person or entity that distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

## 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

## Third-Party Notices

---

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's



""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions Distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other

entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ('notices') contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the

Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the

## Third-Party Notices

---

remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A ñ Form of Secondary Licenses Notice

```
""This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth in
the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}.""
```

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

-----  
GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

## Third-Party Notices

---

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same

---

sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be

similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

---

#### ## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked



1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each

member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any



Version 2.0, January 2004  
<http://www.apache.org/licenses/>

License text : [0] in License reference.

```
=====
=====
=====Fourth-Party
Dependencies=====
=====
=====
```

```
org.springframework.boot a spring-boot
org.springframework.boot a spring-boot-starter
org.springframework.boot a spring-boot-starter-json
org.springframework.boot a spring-boot-starter-tomcat
org.springframework.boot a spring-boot-starter-web
org.springframework.boot a spring-boot-autoconfigure
org.springframework.boot a spring-boot-starter-logging
```

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

Notices:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

```
=====
===
```

```
org.springframework a spring-web
org.springframework a spring-beans
org.springframework a spring-core
org.springframework a spring-webmvc
org.springframework a spring-aop
org.springframework a spring-context
```

## Third-Party Notices

---

org.springframework ^ spring-expression  
org.springframework ^ spring-jcl

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

Notices:

Spring Framework  
Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

<http://www.apache.org/licenses/LICENSE-2.0>

This product may include a number of subcomponents with separate  
copyright notices and license terms. Your use of the source code for  
these subcomponents is subject to the terms and conditions of the  
subcomponent's license, as noted in the license.txt file.

=====  
===

io.micrometer:micrometer-observation  
io.micrometer:micrometer-commons

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Micrometer

Copyright (c) 2017-2023 VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
Notice:  
-----

This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software  
Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the  
'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

=====  
=====

com.fasterxml.jackson.core ^ jackson-databind  
com.fasterxml.jackson.datatype ^ jackson-datatype-jdk8  
com.fasterxml.jackson.core ^ jackson-core  
com.fasterxml.jackson ^ jackson-bom  
com.fasterxml.jackson.datatype ^ jackson-datatype-jsr310  
com.fasterxml.jackson.module ^ jackson-module-parameter-names

License : Apache License Version 2.0

Copyright (c) 2023 Tatu Saloranta

2.0 This product is licensed to you under the Apache License, Version  
(the "License"). You may not use this product except in compliance  
with the License.  
<http://www.apache.org/licenses/LICENSE-2.0>  
This product may include a number of subcomponents with separate  
copyright notices and license terms. Your use of the source code for  
these subcomponents is subject to the terms and conditions of the  
subcomponent's license, as noted in the license.txt file.

óóó  
Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.  
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and  
has been in development since 2007.  
It is currently developed by a community of developers.

## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

Jackson 2.x core and extension components are licensed under Apache  
License 2.0  
To find the details that apply to this artifact see the accompanying  
LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is  
included in some artifacts (usually source distributions); but is always available  
from the source code management (SCM) system project uses.

óóó  
License text : [0] in License reference.

=====  
=====

jakarta.annotation <sup>a</sup> jakarta.annotation-api

License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]

# Notices for Jakarta Annotations

---

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## ## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## ## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/common-annotations-api>

## ## Third-party Content

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

=====  
=====

org.apache.tomcat.embed <sup>a</sup> tomcat-embed-core  
org.apache.tomcat.embed <sup>a</sup> tomcat-embed-websocket  
org.apache.tomcat.embed <sup>a</sup> tomcat-embed-el

License : Apache License Version 2.0

## Third-Party Notices

---

```
Copyright 1999-2023 The Apache Software Foundation

# Licensed to the Apache Software Foundation (ASF) under one or more
# contributor license agreements. See the NOTICE file distributed
with
# this work for additional information regarding copyright
ownership.
# The ASF licenses this file to You under the Apache License,
Version 2.0
# (the "License"); you may not use this file except in compliance
with
# the License. You may obtain a copy of the License at
#
# http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing,
software
# distributed under the License is distributed on an "AS IS"
BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
# See the License for the specific language governing permissions
and
# limitations under the License.
```

### Notice

Apache Tomcat  
Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

This software contains code derived from netty-native  
developed by the Netty project  
(<https://netty.io>, <https://github.com/netty/netty-tcnative/>)  
and from finagle-native developed at Twitter  
(<https://github.com/twitter/finagle>).

This software contains code derived from jgroups-kubernetes  
developed by the JGroups project (<http://www.jgroups.org/>).

The Windows Installer is built with the Nullsoft  
Scriptable Install System (NSIS), which is  
open source software. The original software and  
related information is available at  
<http://nsis.sourceforge.net>.

Java compilation software for JSP pages is provided by the Eclipse  
JDT Core Batch Compiler component, which is open source software.  
The original software and related information is available at  
<https://www.eclipse.org/jdt/core/>.

org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc  
grammar

for JSON written by Robert Fischer.  
<https://github.com/RobertFischer/json-parser>

For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration  
The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages are derivative work originating from the Netty project and the finagle-native project developed at Twitter  
\* Copyright 2014 The Netty Project  
\* Copyright 2014 Twitter

For portions of the Tomcat cloud support  
The org.apache.catalina.tribes.membership.cloud package contains derivative work originating from the jgroups project.  
<https://github.com/jgroups-extras/jgroups-kubernetes>  
Copyright 2002-2018 Red Hat Inc.

The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

may be obtained from:  
<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

License text : [0] in License reference.

=====  
=====

org.springframework.security<sup>a</sup> spring-security-oauth2-authorization-server

-----

## Third-Party Notices

---

License:

-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----

Common Copyright:

-----

Copyright 2020-2021 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

=====

org.springframework.security <sup>a</sup> spring-security-config  
org.springframework.security <sup>a</sup> spring-security-core  
org.springframework.security <sup>a</sup> spring-security-web

-----

License:

-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----

Common Copyright:

-----

Copyright 2004, 2005, 2006 Acegi Technology Pty Limited

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
Common Notice:  
-----

Spring Security  
=====

==

== NOTICE file corresponding to section 4(d) of the Apache License, ==  
== Version 2.0, in this case for the Spring Security distribution. ==  
=====

The end-user documentation included with a redistribution, if any,  
must include the following acknowledgement:

""This product includes software developed by Spring Security  
Project (<https://www.springframework.org/security>).""

Alternately, this acknowledgement may appear in the software itself,  
if and wherever such third-party acknowledgements normally appear.

The names ""Spring"", ""Spring Security"", ""Spring Security System"",  
""SpringSource"", ""Acegi"", ""Acegi Security"", ""Acegi Security  
System"",  
""Acegi"" or any derivatives thereof may not be used to endorse or  
promote products derived from this software without prior written  
permission. For written permission, please contact  
ben.alex@springsource.com.

=====

org.springframework.security <sup>a</sup> spring-security-crypto

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Copyright (c) 2006 Damien Miller <djm@mindrot.org>

Permission to use, copy, modify, and distribute this software for any  
purpose with or without fee is hereby granted, provided that the above  
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED ""AS IS"" AND THE AUTHOR DISCLAIMS ALL  
WARRANTIES  
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF  
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE  
FOR  
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES

## Third-Party Notices

---

WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

-----  
Notice:  
-----

Spring Security  
=====

```
==  
== NOTICE file corresponding to section 4(d) of the Apache License, ==  
== Version 2.0, in this case for the Spring Security distribution. ==  
=====
```

The end-user documentation included with a redistribution, if any, must include the following acknowledgement:

```
""This product includes software developed by Spring Security  
Project (https://www.springframework.org/security).""
```

Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

The names ""Spring"", ""Spring Security"", ""Spring Security System"", ""SpringSource"", ""Acegi"", ""Acegi Security"", ""Acegi Security System"", ""Acegi"" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [ben.alex@springsource.com](mailto:ben.alex@springsource.com).

=====

```
org.springframework.security ^ spring-security-oauth2-core  
org.springframework.security ^ spring-security-oauth2-resource-server  
org.springframework.security ^ spring-security-oauth2-jose
```

-----  
License:  
-----

```
License : Apache License Version 2.0 [0]  
License text : [0] in License reference.
```

-----  
Common Copyright:  
-----

Copyright 2002-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the ""License""); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
Common Notice:  
-----

Spring Security  
=====

==

== NOTICE file corresponding to section 4(d) of the Apache License, ==  
== Version 2.0, in this case for the Spring Security distribution. ==  
=====

The end-user documentation included with a redistribution, if any, must include the following acknowledgement:

""This product includes software developed by Spring Security Project (<https://www.springframework.org/security>).""

Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

The names ""Spring"", ""Spring Security"", ""Spring Security System"", ""SpringSource"", ""Acegi"", ""Acegi Security"", ""Acegi Security System"",

""Acegi"" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [ben.alex@springsource.com](mailto:ben.alex@springsource.com).

=====

com.nimbusds <sup>a</sup> nimbus-jose-jwt

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Nimbus JOSE + JWT

## Third-Party Notices

---

Copyright 2012 - 2023, Connect2id Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use  
this file except in compliance with the License. You may obtain a  
copy of the  
License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed

under the License is distributed on an "AS IS" BASIS, WITHOUT  
WARRANTIES OR

CONDITIONS OF ANY KIND, either express or implied. See the License  
for the

specific language governing permissions and limitations under the  
License.

=====  
=====

com.github.stephenc.jcip <sup>a</sup> jcip-annotations

-----  
License:

-----  
License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:

-----  
Copyright 2013 Stephen Connolly.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

=====  
=====

ch.qos.logback logback-classic  
ch.qos.logback logback-core

License : GNU Lesser General Public License version 2.1, Eclipse  
Public License v1.0

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2017, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under  
either the terms of the Eclipse Public License v1.0 as published by  
the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1  
as published by the Free Software Foundation.

License text : [1], [2] in License reference.

=====  
=====

org.slf4j <sup>a</sup> slf4j-api

License : MIT License

Copyright (c) 2004-2017 QOS.ch  
All rights reserved.

Permission is hereby granted, free of charge, to any person  
obtaining  
a copy of this software and associated documentation files  
(the  
"Software"), to deal in the Software without restriction,  
including  
without limitation the rights to use, copy, modify, merge,  
publish,  
distribute, sublicense, and/or sell copies of the Software, and  
to  
permit persons to whom the Software is furnished to do so, subject  
to  
the following conditions:

The above copyright notice and this permission notice shall  
be  
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY  
KIND,  
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES  
OF  
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE  
AND  
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS  
BE  
LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN  
ACTION

## Third-Party Notices

---

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

License text : [3] in License reference.

=====  
=====

org.apache.logging.log4j      log4j-api  
org.apache.logging.log4j      log4j-to-slf4j

License : Apache License Version 2.0 [0]

Common Copyright Notice  
Copyright 1999-2023 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
Apache Log4j  
Copyright 1999-2023 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

=====  
=====

jul-to-slf4j

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

limitations under the License.

=====  
=====

org.yaml <sup>a</sup> snakeyaml

License : Apache License Version 2.0

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

=====  
=====

### Fourth-Party Dependencies

ch.randelshofer:fastdoubleparser

License:  
MIT License

Copyright (c) 2021 Werner Randelshofer, Switzerland.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Notice

# FastDoubleParser

This is a Java port of Daniel Lemire's `fast_float` project. This project provides parsers for double, float, BigDecimal and BigInteger values.

## Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

## Licensing

This code is licensed under MIT License.  
<https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE>  
(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project)

- as is required by that license.)

Some portions of the code have been derived from other projects. All these projects require that we include a copyright notice, and some require that we also include some text of their license file.

fast\_double\_parser, Copyright (c) 2022 Daniel Lemire. BSL License.  
[https://github.com/lemire/fast\\_double\\_parser](https://github.com/lemire/fast_double_parser)  
[https://github.com/lemire/fast\\_double\\_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE.BSL](https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE.BSL)  
 (The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
 - as is required by that license.)

fast\_float, Copyright (c) 2021 The fast\_float authors. MIT License.  
[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)  
[https://github.com/fastfloat/fast\\_float/blob/cc1e01e9eee74128e48d51488a6b1df4a767a810/LICENSE-MIT](https://github.com/fastfloat/fast_float/blob/cc1e01e9eee74128e48d51488a6b1df4a767a810/LICENSE-MIT)  
 (The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
 - as is required by that license.)

bigint, Copyright 2020 Tim Bukt. 2-clause BSD License.  
<https://github.com/tbukt/bigint/tree/floatfft>  
<https://github.com/tbukt/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE>  
<https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE>  
 (We only use those portions of the bigint project that can be licensed under 2-clause BSD License.)  
 (The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
 - as is required by that license.)

=====  
 =====End of dependency  
 details=====

#####  
 #####

License References are mentioned below.

=====  
 ===== Start License Reference [0]  
 =====

Apache License  
 Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly



Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

### Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
Licenses are intended to guarantee your freedom to share and change  
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some  
specially designated software packages--typically libraries--of the  
Free Software Foundation and other authors who decide to use it. You  
can use it too, but we suggest you first think carefully about whether  
this license or the ordinary General Public License is the better  
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,  
not price. Our General Public Licenses are designed to make sure that  
you have the freedom to distribute copies of free software (and charge  
for this service if you wish); that you receive source code or can get  
it if you want it; that you can change the software and use pieces of  
it in new free programs; and that you are informed that you can do  
these things.

To protect your rights, we need to make restrictions that forbid  
distributors to deny you these rights or to ask you to surrender these  
rights. These restrictions translate to certain responsibilities for  
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis  
or for a fee, you must give the recipients all the rights that we gave  
you. You must make sure that they, too, receive or can get the source  
code. If you link other code with the library, you must provide  
complete object files to the recipients, so that they can relink them  
with the library after making changes to the library and recompiling  
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the  
library, and (2) we offer you this license, which gives you legal  
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that  
there is no warranty for the free library. Also, if the library is  
modified by someone else and passed on, the recipients should know  
that what they have is not the original version, so that the original  
author's reputation will not be affected by problems that might be  
introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the ""Lesser"" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ""work based on the library"" and a ""work that uses the library"". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called `"this License"`). Each licensee is addressed as `"you"`.

A `"library"` means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The `"Library"`, below, refers to any such software library or work which has been distributed under these terms. A `"work based on the Library"` means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term `"modification"`.)

`"Source code"` for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference

directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is

implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY

## Third-Party Notices

---

AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

#### Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

, 1 April 1990  
Ty Coon, President of Vice



## Third-Party Notices

---

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors,

## Third-Party Notices

---

compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

=====  
 ===== End License Reference [2]  
 =====

=====  
 ===== Start License Reference [3]  
 =====

MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
 ===== End License Reference [3]  
 =====

"  
**"Pivotal, Inc.",spring-boot-starter-data-rest,3.1.0,"**

-----  
 -----  
 -----TOP LEVEL COMPONENT COPYRIGHT-----  
 -----  
 -----

Spring Boot  
 Copyright (c) 2012-2023 VMware, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

-----TOP LEVEL LICENSE-----  
 -----

-----  
-----  
Top Level Component : spring-boot-starter-data-rest  
-----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal

Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such

third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for

any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

=====  
=====

#### Fourth-Party Dependencies

```
org.springframework.boot ^ spring-boot-starter-web
org.springframework.data ^ spring-data-rest-webmvc
org.springframework ^ spring-web
org.springframework ^ spring-webmvc
org.springframework.boot ^ spring-boot-starter
org.springframework.boot ^ spring-boot-starter-json
org.springframework.boot ^ spring-boot-starter-tomcat
org.springframework ^ spring-beans
org.springframework ^ spring-core
org.springframework ^ spring-jcl
org.springframework ^ spring-aop
org.springframework ^ spring-beans
org.springframework ^ spring-context
org.springframework ^ spring-expression
org.springframework ^ spring-web
org.springframework ^ spring-expression
jakarta.annotation ^ jakarta.annotation-api
org.springframework.boot ^ spring-boot
org.springframework.boot ^ spring-boot-autoconfigure
jakarta.annotation ^ jakarta.annotation-api
org.yaml ^ snakeyaml
com.fasterxml.jackson.core ^ jackson-databind
com.fasterxml.jackson.datatype ^ jackson-datatype-jdk8
com.fasterxml.jackson.datatype ^ jackson-datatype-jsr310
com.fasterxml.jackson.module ^ jackson-module-parameter-names
com.fasterxml.jackson.core ^ jackson-annotations
com.fasterxml.jackson.core ^ jackson-core
com.fasterxml.jackson:jackson-bom
io.micrometer:micrometer-observation
io.micrometer:micrometer-commons
org.apache.tomcat.embed ^ tomcat-embed-core
org.apache.tomcat.embed ^ tomcat-embed-websocket
org.apache.tomcat.embed ^ tomcat-embed-el
org.apache.tomcat ^ tomcat-annotations-api
org.springframework.data ^ spring-data-rest-core
jakarta.persistence ^ jakarta.persistence-api
org.jetbrains ^ annotations
com.mysema.commons ^ mysema-commons-lang
org.atteo ^ evo-inflector
org.springframework ^ spring-tx
org.springframework.plugin ^ spring-plugin-core
org.springframework.hateoas ^ spring-hateoas
org.springframework.data ^ spring-data-commons
org.slf4j ^ slf4j-api
com.jayway.jsonpath ^ json-path
net.minidev ^ json-smart
net.minidev ^ accessors-smart
```

## Third-Party Notices

---

org.ow2.asm:asm

=====  
=====

org.springframework.boot <sup>a</sup> spring-boot-starter-web  
org.springframework.data <sup>a</sup> spring-data-rest-webmvc

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

Notices:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

=====  
=====

org.springframework.boot <sup>a</sup> spring-boot-starter  
org.springframework.boot <sup>a</sup> spring-boot-starter-json  
org.springframework.boot <sup>a</sup> spring-boot-starter-tomcat  
org.springframework.boot <sup>a</sup> spring-boot  
org.springframework.boot <sup>a</sup> spring-boot-autoconfigure

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====

```
org.springframework a spring-aop
org.springframework a spring-beans
org.springframework a spring-context
org.springframework a spring-core
org.springframework a spring-expression
org.springframework a spring-web
org.springframework a spring-webmvc
org.springframework a spring-jcl
org.springframework a spring-tx
```

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Framework

Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

<http://www.apache.org/licenses/LICENSE-2.0>

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for

## Third-Party Notices

---

these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

```
=====
```

```
com.fasterxml.jackson.core ^ jackson-annotations
com.fasterxml.jackson.core ^ jackson-core
com.fasterxml.jackson.core ^ jackson-databind
com.fasterxml.jackson.datatype ^ jackson-datatype-jdk8
com.fasterxml.jackson.datatype ^ jackson-datatype-jsr310
com.fasterxml.jackson.module ^ jackson-module-parameter-names
com.fasterxml.jackson:jackson-bom
```

License : Apache License Version 2.0

Copyright (c) 2023 Tatu Saloranta

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

<http://www.apache.org/licenses/LICENSE-2.0>

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

License text : [0] in License reference.

=====  
=====

io.micrometer:micrometer-observation  
io.micrometer:micrometer-commons

License : Apache License Version 2.0 [0]

-----  
Copyright:  
-----

Micrometer

Copyright (c) 2017-2023 VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

-----  
Notice:  
-----

This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software  
Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

## Third-Party Notices

---

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the  
'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

=====  
=====

org.springframework.data ^ spring-data-commons  
org.springframework.data ^ spring-data-rest-core

License : Apache License Version 2.0 [0]

Spring Data  
Copyright (c) [2010-2023] Pivotal Software, Inc.

This product is licensed to you under the Apache License, Version  
2.0 (the ""License"").  
You may not use this product except in compliance with the License.

This product may include a number of subcomponents with  
separate copyright notices and license terms. Your use of the source  
code for the these subcomponents is subject to the terms and  
conditions of the subcomponent's license, as noted in the LICENSE  
file.

=====  
=====

org.apache.tomcat.embed ^ tomcat-embed-core  
org.apache.tomcat.embed ^ tomcat-embed-websocket  
org.apache.tomcat.embed ^ tomcat-embed-el

License : Apache License Version 2.0

Copyright 1999-2023 The Apache Software Foundation

# Licensed to the Apache Software Foundation (ASF) under one or more  
# contributor license agreements. See the NOTICE file distributed  
with  
# this work for additional information regarding copyright  
ownership.  
# The ASF licenses this file to You under the Apache License,  
Version 2.0  
# (the ""License""); you may not use this file except in compliance  
with

```
# the License. You may obtain a copy of the License at
#
#   http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing,
software
# distributed under the License is distributed on an "AS IS"
BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
# See the License for the specific language governing permissions
and
# limitations under the License.
```

#### Notice

Apache Tomcat  
Copyright 1999–2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

This software contains code derived from netty-native  
developed by the Netty project  
(<https://netty.io>, <https://github.com/netty/netty-tcnative/>)  
and from finagle-native developed at Twitter  
(<https://github.com/twitter/finagle>).

This software contains code derived from jgroups-kubernetes  
developed by the JGroups project (<http://www.jgroups.org/>).

The Windows Installer is built with the Nullsoft  
Scriptable Install System (NSIS), which is  
open source software. The original software and  
related information is available at  
<http://nsis.sourceforge.net>.

Java compilation software for JSP pages is provided by the Eclipse  
JDT Core Batch Compiler component, which is open source software.  
The original software and related information is available at  
<https://www.eclipse.org/jdt/core/>.

org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc  
grammar  
for JSON written by Robert Fischer.  
<https://github.com/RobertFischer/json-parser>

For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE  
integration  
The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages  
are derivative work originating from the Netty project and the finagle-  
native  
project developed at Twitter  
\* Copyright 2014 The Netty Project  
\* Copyright 2014 Twitter

## Third-Party Notices

---

For portions of the Tomcat cloud support  
The org.apache.catalina.tribes.membership.cloud package contains  
derivative  
work originating from the jgroups project.  
<https://github.com/jgroups-extras/jgroups-kubernetes>  
Copyright 2002-2018 Red Hat Inc.

The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

may be obtained from:

<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

License text : [0] in License reference.

=====  
=====

org.apache.tomcat <sup>a</sup> tomcat-annotations-api

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.  
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

#### Notice

Apache Tomcat  
Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

This software contains code derived from netty-native  
developed by the Netty project  
(<https://netty.io>, <https://github.com/netty/netty-tcnative/>)  
and from finagle-native developed at Twitter  
(<https://github.com/twitter/finagle>).

This software contains code derived from jgroups-kubernetes  
developed by the JGroups project (<http://www.jgroups.org/>).

The Windows Installer is built with the Nullsoft  
Scriptable Install System (NSIS), which is  
open source software. The original software and  
related information is available at  
<http://nsis.sourceforge.net>.

Java compilation software for JSP pages is provided by the Eclipse  
JDT Core Batch Compiler component, which is open source software.  
The original software and related information is available at  
<https://www.eclipse.org/jdt/core/>.

org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc  
grammar  
for JSON written by Robert Fischer.  
<https://github.com/RobertFischer/json-parser>

For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE  
integration  
The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages  
are derivative work originating from the Netty project and the finagle-  
native  
project developed at Twitter  
\* Copyright 2014 The Netty Project  
\* Copyright 2014 Twitter

For portions of the Tomcat cloud support  
The org.apache.catalina.tribes.membership.cloud package contains  
derivative  
work originating from the jgroups project.  
<https://github.com/jgroups-extras/jgroups-kubernetes>  
Copyright 2002-2018 Red Hat Inc.

The original XML Schemas for Java EE Deployment Descriptors:

- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

may be obtained from:

<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

=====

org.springframework.plugin<sup>a</sup> spring-plugin-core

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

License text : [0] in License reference.

=====

org.springframework.hateoas<sup>a</sup> spring-hateoas

Spring HATEOAS  
 Copyright (c) [2012-2023] Pivotal Software, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License").

You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the LICENSE file.

=====

org.atteo <sup>a</sup> evo-inflector

org.atteo evo-inflector 1.3

License : Apache License Version 2.0

Copyright <https://github.com/atteo/evo-inflector>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

=====

org.jetbrains <sup>a</sup> annotations

License : Apache License Version 2.0  
 Copyright 2000-2023 JetBrains s.r.o.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Copyright (c) 2023 JetBrains s.r.o.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====  
=====

javax.transaction <sup>a</sup> transaction-api

License : Apache License Version 2.0

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Framework  
Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

=====  
=====

cglib <sup>a</sup> cglib-nodep  
org.mongodb <sup>a</sup> mongo-java-driver

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

=====

com.querydsl <sup>a</sup> querydsl-core  
com.querydsl <sup>a</sup> codegen-utils  
javax.inject <sup>a</sup> javax.inject

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

=====

io.github.classgraph <sup>a</sup> classgraph

License : The MIT License (MIT)

Copyright (c) 2019 Luke Hutchison

[https://github.com/classgraph/classgraph/blob/latest/LICENSE-  
ClassGraph.txt](https://github.com/classgraph/classgraph/blob/latest/LICENSE-ClassGraph.txt)

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

## Third-Party Notices

---

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
=====
com.mysema.commons a mysema-commons-lang
```

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

# Notices for Eclipse Jakarta Bean Validation

This content is produced and maintained by the Eclipse Jakarta Bean Validation project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.bean-validation>

## Trademarks

Jakarta Bean Validation is a trademark of the Eclipse Foundation.

## Copyright

All content is the property of the respective authors or their employers.  
For more information regarding authorship of content, please consult the listed source code repository logs.

## ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <https://www.apache.org/licenses/LICENSE-2.0>.

=====  
=====

net.minidev <sup>a</sup> json-smart  
net.minidev <sup>a</sup> accessors-smart

License : Apache License Version 2.0

Copyright 2011 JSON-SMART authors

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with

the License.

<http://www.apache.org/licenses/LICENSE-2.0>

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

=====  
=====

org.ow2.asm:asm

ASM is released under the following 3-Clause BSD License:

ASM: a very small and fast Java bytecode manipulation framework  
Copyright (c) 2000-2011 INRIA, France Telecom  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED  
TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR  
CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF  
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR  
BUSINESS  
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER  
IN  
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR  
OTHERWISE)  
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED  
OF  
THE POSSIBILITY OF SUCH DAMAGE.

=====  
=====  
  
org.slf4j <sup>a</sup> slf4j-api

License : MIT License

Copyright (c) 2004-2017 QOS.ch  
All rights reserved.

Permission is hereby granted, free of charge, to any person  
obtaining  
a copy of this software and associated documentation files  
(the  
"Software"), to deal in the Software without restriction,  
including  
without limitation the rights to use, copy, modify, merge,  
publish,  
distribute, sublicense, and/or sell copies of the Software, and  
to  
permit persons to whom the Software is furnished to do so, subject  
to  
the following conditions:

The above copyright notice and this permission notice shall  
be  
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY  
KIND,  
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES  
OF  
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE  
AND  
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS  
BE

LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

License text : [3] in License reference.

```
=====
com.jayway.jsonpath a json-path
```

License : Apache License Version 2.0

Copyright 2017 Jayway

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
org.yaml a snakeyaml
```

```
/**
```

```
* Copyright (c) 2008-2023 Andrey Somov
```

```
*
```

```
* Licensed under the Apache License, Version 2.0 (the "License");
```

```
* you may not use this file except in compliance with the License.
```

```
* You may obtain a copy of the License at
```

```
*
```

```
* http://www.apache.org/licenses/LICENSE-2.0
```

```
*
```

```
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
```

```
* See the License for the specific language governing permissions and
```

```
* limitations under the License.
```

```
*/
```

```
=====
jakarta.annotation a jakarta.annotation-api
```

## Third-Party Notices

---

License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]

Copyright:  
Text of Copyright

Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the

terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary

Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License,

version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

-----  
# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

---

## ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/common-annotations-api>

## ## Third-party Content

### ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

=====  
=====

ch.randelshofer:fastdoubleparser

License:  
MIT License

Copyright (c) 2021 Werner Randelshofer, Switzerland.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

## Third-Party Notices

---

SOFTWARE.

Notice

# FastDoubleParser

This is a Java port of Daniel Lemire's `fast_float` project. This project provides parsers for `double`, `float`, `BigDecimal` and `BigInteger` values.

## Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

## Licensing

This code is licensed under MIT License.  
<https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE>  
(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

Some portions of the code have been derived from other projects. All these projects require that we include a copyright notice, and some require that we also include some text of their license file.

`fast_double_parser`, Copyright (c) 2022 Daniel Lemire. BSL License.  
[https://github.com/lemire/fast\\_double\\_parser](https://github.com/lemire/fast_double_parser)  
[https://github.com/lemire/fast\\_double\\_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE.BSL](https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE.BSL)  
(The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

`fast_float`, Copyright (c) 2021 The `fast_float` authors. MIT License.  
[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)  
[https://github.com/fastfloat/fast\\_float/blob/cc1e01e9eee74128e48d51488a6b1df4a767a810/LICENSE-MIT](https://github.com/fastfloat/fast_float/blob/cc1e01e9eee74128e48d51488a6b1df4a767a810/LICENSE-MIT)  
(The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

`bigint`, Copyright 2020 Tim Bukt. 2-clause BSD License.  
<https://github.com/tbukt/bigint/tree/floatfft>  
<https://github.com/tbukt/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE>  
<https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE>  
(We only use those portions of the `bigint` project that can be licensed under 2-clause BSD License.)  
(The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

```
----- (END) -----
-----
===== Start License Reference [1]
=====
```

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
Licenses are intended to guarantee your freedom to share and change  
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some  
specially designated software packages--typically libraries--of the  
Free Software Foundation and other authors who decide to use it. You  
can use it too, but we suggest you first think carefully about whether  
this license or the ordinary General Public License is the better  
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,  
not price. Our General Public Licenses are designed to make sure that  
you have the freedom to distribute copies of free software (and charge  
for this service if you wish); that you receive source code or can get  
it if you want it; that you can change the software and use pieces of  
it in new free programs; and that you are informed that you can do  
these things.

To protect your rights, we need to make restrictions that forbid  
distributors to deny you these rights or to ask you to surrender these  
rights. These restrictions translate to certain responsibilities for  
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis  
or for a fee, you must give the recipients all the rights that we gave  
you. You must make sure that they, too, receive or can get the source  
code. If you link other code with the library, you must provide  
complete object files to the recipients, so that they can relink them  
with the library after making changes to the library and recompiling  
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the  
library, and (2) we offer you this license, which gives you legal

permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the

users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a

fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2,

instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies

the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot

distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status

of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

#### Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.



""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

## 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:

## Third-Party Notices

---

- i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
- ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
- iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
- iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial

Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.





Secondary License means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and
- iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

### 3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability (ënoticesí) contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor (ìCommercial Contributorí) hereby agrees to defend and indemnify every other Contributor (ìIndemnified Contributorí) against any losses, damages and costs (collectively ìLossesí) arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program

(including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A ñ Form of Secondary Licenses Notice

ìThis Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.î

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

==== End License Reference [4]  
=====

==== Start License Reference [5]  
=====

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service

## Third-Party Notices

---

if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this

---

License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the

corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could

satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED



**"Pivotal, Inc.",spring-boot-starter-security,3.1.0,"**

Top-Level Component Copyright:

```
-----
-----
Spring Boot
Copyright (c) 2012-2023 Pivotal, Inc.
This product is licensed to you under the Apache License, Version 2.0
(the ""License""). You may not use this product except in compliance with
the License.
=====
=====
```

org.springframework.boot:spring-boot-starter-security:jar:3.1.0

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the ""License"");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an ""AS IS"" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

License text : [0] in License reference.

----- NOTICE -----

```
Spring Boot
Copyright (c) 2012-2023 Pivotal, Inc.
This product is licensed to you under the Apache License, Version 2.0
(the ""License""). You may not use this product except in compliance with
the License.
=====
=====
```

Fourth-Party Dependencies

```
org.springframework.boot      spring-boot-starter
org.springframework.boot      spring-boot
org.springframework.boot      spring-boot-autoconfigure
org.springframework.boot      spring-boot-starter-logging
```

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the ""License"");

## Third-Party Notices

---

you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

### Notices:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====  
=====  
Fourth-Party Dependencies

```
org.springframework    spring-jcl
org.springframework    spring-web
org.springframework    spring-expression
org.springframework    spring-context
org.springframework    spring-aop
org.springframework    spring-beans
org.springframework    spring-core
```

```
org.springframework.security    spring-security-web
org.springframework.security    spring-security-config
org.springframework.security    spring-security-crypto
org.springframework.security    spring-security-core
```

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

## Notices:

Spring Framework  
 Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

=====  
 =====

## Fourth-Party Dependencies

org.apache.logging.log4j      log4j-api  
 org.apache.logging.log4j      log4j-to-slf4j

License : Apache License Version 2.0 [0]

Common Copyright Notice  
 Copyright 1999-2023 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");  
 you may not use this file except in compliance with the License.  
 You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
 Apache Log4j  
 Copyright 1999-2023 Apache Software Foundation

This product includes software developed at  
 The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
 Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
 Copyright 2004 Jason Paul Kitchen

## Third-Party Notices

---

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

=====  
=====

### Fourth-Party Dependencies

ch.qos.logback logback-classic  
ch.qos.logback logback-core

License : GNU Lesser General Public License version 2.1, Eclipse  
Public License v1.0

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2017, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under  
either the terms of the Eclipse Public License v1.0 as published by  
the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1  
as published by the Free Software Foundation.

License text : [1], [2] in License reference.

=====  
=====

### Fourth-Party Dependencies

org.slf4j:slf4j-api  
Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining  
a copy of this software and associated documentation files (the  
"Software"), to deal in the Software without restriction,  
including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
===

#### Fourth-Party Dependencies

jul-to-slf4j  
Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

#### Fourth-Party Dependencies

jakarta.annotation:jakarta.annotation-api

License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]

## Third-Party Notices

---

Copyright:  
Text of Copyright

Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary

Licenses when the conditions for such availability set forth in the

Eclipse Public License v. 2.0 are satisfied: GNU General Public License,

version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

-----  
# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made

available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU

General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## ## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/common-annotations-api>

## ## Third-party Content

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

=====  
=====

## Fourth-Party Dependencies

org.yaml    snakeyaml

License : Apache License Version 2.0

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

=====  
=====

## Fourth-Party Dependencies

micrometer-observation

## Third-Party Notices

---

micrometer-common

Micrometer

Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the 'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

=====  
=====

License References are mentioned below.



the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.



To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run

that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion

of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit

modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you

distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

## Third-Party Notices

---

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY

KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

#### Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if



---

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

## 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version



""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the

rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

- iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs

or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication,

estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

#### Exhibit A - Form of Secondary Licenses Notice

```
""This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}.""
```

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

-----  
The GNU General Public License (GPL) Version 2

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis

## Third-Party Notices

---

or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The ""Program"", below, refers to any such program or work, and a ""work based on the Program"" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term ""modification".) Each licensee is addressed as ""you"".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided

that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who

receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.

## Third-Party Notices

---

EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.  
Copyright (C)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author



## Third-Party Notices

---

Copyright (c) 2012-2023 Pivotal, Inc.  
This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance with  
the License.

=====  
org.springframework.boot:spring-boot-starter-oauth2-resource-server

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

-----  
Notices:  
-----

Spring Boot  
Copyright (c) 2012-2023 Pivotal, Inc.  
This product is licensed to you under the Apache License, Version  
2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

=====  
=====  
Fourth-Party Dependencies # org.springframework.security:spring-security-  
config  
Fourth-Party Dependencies # org.springframework.security:spring-security-  
core  
Fourth-Party Dependencies # org.springframework.security:spring-security-  
web

-----  
License:

```
-----
License : Apache License Version 2.0 [0]
License text : [0] in License reference.
```

```
-----
Common Copyright:
-----
```

Copyright 2004, 2005, 2006 Acegi Technology Pty Limited

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

```
-----
Common Notice:
-----
```

Spring Security  
=====

==

== NOTICE file corresponding to section 4(d) of the Apache License, ==  
== Version 2.0, in this case for the Spring Security distribution. ==  
=====

The end-user documentation included with a redistribution, if any,  
must include the following acknowledgement:

""This product includes software developed by Spring Security  
Project (<https://www.springframework.org/security>).""

Alternately, this acknowledgement may appear in the software itself,  
if and wherever such third-party acknowledgements normally appear.

The names "Spring", "Spring Security", "Spring Security System",  
"SpringSource", "Acegi", "Acegi Security", "Acegi Security  
System",

"Acegi" or any derivatives thereof may not be used to endorse or  
promote products derived from this software without prior written  
permission. For written permission, please contact  
[ben.alex@springsource.com](mailto:ben.alex@springsource.com).

```
=====
=====
```

Fourth-Party Dependencies # org.springframework.security:spring-security-  
crypto

## Third-Party Notices

---

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Copyright (c) 2006 Damien Miller <djm@mindrot.org>

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

-----  
Notice:  
-----

Spring Security  
=====

==

== NOTICE file corresponding to section 4(d) of the Apache License, ==  
== Version 2.0, in this case for the Spring Security distribution. ==  
=====

The end-user documentation included with a redistribution, if any, must include the following acknowledgement:

"This product includes software developed by Spring Security Project (<https://www.springframework.org/security>)."

Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

The names "Spring", "Spring Security", "Spring Security System", "SpringSource", "Acegi", "Acegi Security", "Acegi Security System", "Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [ben.alex@springsource.com](mailto:ben.alex@springsource.com).

```

=====
=====
Fourth-Party Dependencies # org.springframework.security:spring-security-
oauth2-core
Fourth-Party Dependencies # org.springframework.security:spring-security-
oauth2-jose
Fourth-Party Dependencies # org.springframework.security:spring-security-
oauth2-resource-server

```

```

-----
License:
-----

```

```

    License : Apache License Version 2.0 [0]
    License text : [0] in License reference.

```

```

-----
Common Copyright:
-----

```

```

    Copyright 2002-2023 the original author or authors.

```

```

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

```

```

https://www.apache.org/licenses/LICENSE-2.0

```

```

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.

```

```

See the License for the specific language governing permissions and
limitations under the License.

```

```

-----
Common Notice:
-----

```

```

    Spring Security
    =====

```

```

==
== NOTICE file corresponding to section 4(d) of the Apache License, ==
== Version 2.0, in this case for the Spring Security distribution. ==
=====

```

```

The end-user documentation included with a redistribution, if any,
must include the following acknowledgement:

```

```

    "This product includes software developed by Spring Security
    Project (https://www.springframework.org/security)."
```

```

Alternately, this acknowledgement may appear in the software itself,
if and wherever such third-party acknowledgements normally appear.

```

```

The names "Spring", "Spring Security", "Spring Security System",

```

## Third-Party Notices

---

"SpringSource", "Acegi", "Acegi Security", "Acegi Security System",  
"Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact ben.alex@springsource.com.

```
=====  
=====  
Fourth-Party Dependencies # org.springframework:spring-aop  
Fourth-Party Dependencies # org.springframework:spring-core  
Fourth-Party Dependencies # org.springframework:spring-beans  
Fourth-Party Dependencies # org.springframework:spring-context  
Fourth-Party Dependencies # org.springframework:spring-core  
Fourth-Party Dependencies # org.springframework:spring-expression  
Fourth-Party Dependencies # org.springframework:spring-jcl  
Fourth-Party Dependencies # org.springframework:spring-web
```

-----  
License:  
-----

License : Apache License Version 2.0 [5]  
License text : [5] in License reference.

-----  
Common Copyright:  
-----

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

-----  
Common Notice:  
-----

Spring Framework  
Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version  
2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

```
=====
```

```
Fourth-Party Dependencies # org.springframework.boot:spring-boot
Fourth-Party Dependencies # org.springframework.boot:spring-boot-
autoconfigure
Fourth-Party Dependencies # org.springframework.boot:spring-boot-starter
```

```
-----
License:
```

```
-----
License : Apache License Version 2.0 [0]
License text : [0] in License reference.
```

```
-----
Common Copyright:
```

```
-----
Copyright 2002-2023 Pivotal, Inc.
```

```
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
```

```
See the License for the specific language governing permissions and
limitations under the License.
```

```
-----
Common Notice:
```

```
-----
Spring Boot
Copyright (c) 2012-2023 Pivotal, Inc.
This product is licensed to you under the Apache License, Version
2.0
(the "License"). You may not use this product except in compliance
with
the License.
```

```
=====
```

```
Fourth-Party Dependencies # org.yaml:snakeyaml
```

## Third-Party Notices

---

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

=====  
=====  
Fourth-Party Dependencies # jakarta.annotation:jakarta.annotation-api

-----  
License:  
-----

License : Eclipse Public License - v 2.0 with GNU General Public  
License, version 2 with CPE [3]  
License text : [3] in License reference.

-----  
Copyright:  
-----

Copyright (c) 2005, 2020 Oracle and/or its affiliates. All rights  
reserved.

This program and the accompanying materials are made available under  
the  
terms of the Eclipse Public License v. 2.0, which is available at  
<http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following  
Secondary  
Licenses when the conditions for such availability set forth in the  
Eclipse Public License v. 2.0 are satisfied: GNU General Public  
License,

---

version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

-----  
Notices:  
-----

# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made

available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU

General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/common-annotations-api>

## Third-party Content

## Cryptography

Content may contain encryption software. The country in which you are currently

## Third-Party Notices

---

may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

-----  
# Notices for Jakarta Transactions

This content is produced and maintained by the Jakarta Transactions project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jta>

## Trademarks

Jakarta Transactions is a trademark of the Eclipse Foundation.

## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/jta-api>

## Third-party Content

This project leverages the following third party content.

None

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

=====  
=====

Fourth-Party Dependencies # com.github.stephenc.jcip:jcip-annotations

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Copyright 2013 Stephen Connolly.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

=====  
=====

Fourth-Party Dependencies # com.nimbusds:nimbus-jose-jwt

-----  
License:  
-----

## Third-Party Notices

---

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Nimbus JOSE + JWT

Copyright 2012 - 2023, Connect2id Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use  
this file except in compliance with the License. You may obtain a  
copy of the  
License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed  
under the License is distributed on an "AS IS" BASIS, WITHOUT  
WARRANTIES OR  
CONDITIONS OF ANY KIND, either express or implied. See the License  
for the  
specific language governing permissions and limitations under the  
License.

=====  
=====  
Fourth-Party Dependencies # io.micrometer:micrometer-observation  
Fourth-Party Dependencies # io.micrometer:micrometer-commons

-----  
License:  
-----

License : Apache License Version 2.0 [0]  
License text : [0] in License reference.

-----  
Copyright:  
-----

Micrometer

Copyright (c) 2017-2023 VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
 Notice:  
 -----

This product contains a modified portion of  
 'io.netty.util.internal.logging',  
 in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
 in the Commons Lang library distributed by The Apache Software  
 Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
 in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the  
 'org.springframework.lang'  
 package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

=====  
 =====

License References are mentioned below.

===== Start License Reference [0]  
 =====

Apache License  
 Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of

the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,



## Third-Party Notices

---

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

### Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
Licenses are intended to guarantee your freedom to share and change  
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some  
specially designated software packages--typically libraries--of the  
Free Software Foundation and other authors who decide to use it. You  
can use it too, but we suggest you first think carefully about whether  
this license or the ordinary General Public License is the better  
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,  
not price. Our General Public Licenses are designed to make sure that  
you have the freedom to distribute copies of free software (and charge  
for this service if you wish); that you receive source code or can get  
it if you want it; that you can change the software and use pieces of  
it in new free programs; and that you are informed that you can do  
these things.

To protect your rights, we need to make restrictions that forbid  
distributors to deny you these rights or to ask you to surrender these  
rights. These restrictions translate to certain responsibilities for  
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis  
or for a fee, you must give the recipients all the rights that we gave  
you. You must make sure that they, too, receive or can get the source  
code. If you link other code with the library, you must provide  
complete object files to the recipients, so that they can relink them  
with the library after making changes to the library and recompiling  
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the  
library, and (2) we offer you this license, which gives you legal  
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that  
there is no warranty for the free library. Also, if the library is  
modified by someone else and passed on, the recipients should know  
that what they have is not the original version, so that the original  
author's reputation will not be affected by problems that might be  
introduced by others.

Finally, software patents pose a constant threat to the existence of  
any free program. We wish to make sure that a company cannot

effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ""this License""). Each licensee is addressed as ""you"".

A ""library"" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ""Library"", below, refers to any such software library or work which has been distributed under these terms. A ""work based on the Library"" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ""modification"".)

""Source code"" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no

charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work

## Third-Party Notices

---

based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed

through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR

## Third-Party Notices

---

CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

#### Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!



## Third-Party Notices

---

Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.



## Third-Party Notices

---

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program.

Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

- iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to

defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this

## Third-Party Notices

---

Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign

the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended

to be enforceable by any entity that is not a Contributor or Recipient.

No third-party beneficiary rights are created under this Agreement.

### Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

---

## The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom  
to share and change it. By contrast, the GNU General Public License is  
intended to guarantee your freedom to share and change free software--  
to make sure the software is free for all its users. This General Public  
License applies to most of the Free Software Foundation's software and  
to any other program whose authors commit to using it. (Some other  
Free Software Foundation software is covered by the GNU Library General  
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not  
price.

Our General Public Licenses are designed to make sure that you have  
the freedom to distribute copies of free software (and charge for this  
service if you wish), that you receive source code or can get it if  
you want it, that you can change the software or use pieces of it in new  
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights. These  
restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether  
gratis or for a fee, you must give the recipients all the rights that you  
have.

You must make sure that they, too, receive or can get the source code.  
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free

## Third-Party Notices

---

software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents.

We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under

the terms of this General Public License. The "Program", below, refers

to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute

such modifications or work under the terms of Section 1 above,  
provided  
that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.  
Program  
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

## Third-Party Notices

---

- 1  
or,  
cost  
to
- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;
  - b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
  - c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

code  
control  
is  
the  
executable.

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

access  
copy  
source

If distribution of executable or object code is made by offering to copy from a designated place, then offering equivalent access to the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

will  
parties

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not

signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

## Third-Party Notices

---

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may

add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries

not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and

any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a

version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,

EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE

ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR

DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED

INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but

WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the



---

PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial

Contributor.

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

- b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and
  - iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

### 3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified

## Third-Party Notices

---

Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such



Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
of  
of

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

Entity

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

=====

## Third-Party Notices

---

SPRING FRAMEWORK \${version} SUBCOMPONENTS:

Spring Framework \${version} includes a number of subcomponents with separate copyright notices and license terms. The product that includes this file does not necessarily use all the open source subcomponents referred to below. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.

>>> ASM 9.1 (org.ow2.asm:asm:9.1, org.ow2.asm:asm-commons:9.1):

Copyright (c) 2000-2011 INRIA, France Telecom  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 1999-2009, OW2 Consortium <<https://www.ow2.org/>>

>>> CGLIB 3.3 (cglib:cglib:3.3):

Per the LICENSE file in the CGLIB JAR distribution downloaded from [https://github.com/cglib/cglib/releases/download/RELEASE\\_3\\_3\\_0/cglib-3.3.0.jar](https://github.com/cglib/cglib/releases/download/RELEASE_3_3_0/cglib-3.3.0.jar), CGLIB 3.3 is licensed under the Apache License, version 2.0, the text of which is included above.

>>> Objenesis 3.2 (org.objenesis:objenesis:3.2):

Per the LICENSE file in the Objenesis ZIP distribution downloaded from <http://objenesis.org/download.html>, Objenesis 3.2 is licensed under the Apache License, version 2.0, the text of which is included above.

Per the NOTICE file in the Objenesis ZIP distribution downloaded from <http://objenesis.org/download.html> and corresponding to section 4d of the Apache License, Version 2.0, in this case for Objenesis:

Objenesis  
Copyright 2006-2019 Joe Walnes, Henri Tremblay, Leonardo Mesquita

=====  
=====

To the extent any open source components are licensed under the EPL and/or other similar licenses that require the source code and/or modifications to source code to be made available (as would be noted above), you may obtain a copy of the source code corresponding to the binaries for such open source components and modifications thereto, if any, (the "Source Files"), by downloading the Source Files from <https://spring.io/projects>, Pivotal's website at <https://network.pivotal.io/open-source>, or by sending a request, with your name and address to: Pivotal Software, Inc., 875 Howard Street, 5th floor, San Francisco, CA 94103, Attention: General Counsel. All such requests should clearly specify: OPEN SOURCE FILES REQUEST, Attention General Counsel. Pivotal can mail a copy of the Source Files to you on a CD or equivalent physical medium.

This offer to obtain a copy of the Source Files is valid for three years from the date you acquired this Software product. Alternatively, the Source Files may accompany the Software.

=====  
=====End of License Reference [5]  
=====

"

**"Pivotal, Inc.",spring-boot-starter-web,3.1.0,"**

Top-Level Component Copyright:

-----  
-----

Spring Boot  
Copyright (c) 2012-2023 Pivotal, Inc.  
This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

## Third-Party Notices

---

=====  
=====  
org.springframework.boot:spring-boot-starter-web:

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

License text : [0] in License reference.

----- NOTICE -----

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance with  
the License.

=====  
=====  
Fourth-Party Dependencies

org.springframework.boot	spring-boot
org.springframework.boot	spring-boot-autoconfigure
org.springframework.boot	spring-boot-starter
org.springframework.boot	spring-boot-starter-json
org.springframework.boot	spring-boot-starter-logging
org.springframework.boot	spring-boot-starter-tomcat
org.springframework.boot	spring-boot-starter-web

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====  
 =====  
 Fourth-Party Dependencies

org.springframework	spring-aop
org.springframework	spring-beans
org.springframework	spring-context
org.springframework	spring-core
org.springframework	spring-expression
org.springframework	spring-jcl
org.springframework	spring-webmvc
org.springframework	spring-web

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Notices:

Spring Framework

Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate

## Third-Party Notices

---

copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

=====  
=====

### Fourth-Party Dependencies

org.apache.logging.log4j      log4j-api  
org.apache.logging.log4j      log4j-to-slf4j

License : Apache License Version 2.0 [0]

Common Copyright Notice  
Copyright 1999-2023 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
Apache Log4j  
Copyright 1999-2019 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

=====  
=====

### Fourth-Party Dependencies

```
ch.qos.logback  logback-classic
ch.qos.logback  logback-core
```

License : GNU Lesser General Public License version 2.1, Eclipse  
Public License v1.0

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2017, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under  
either the terms of the Eclipse Public License v1.0 as published by  
the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1  
as published by the Free Software Foundation.

License text : [1], [2] in License reference.

```
=====
=====
```

#### Fourth-Party Dependencies

```
org.slf4j:slf4j-api
Copyright (c) 2004-2017 QOS.ch
```

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining  
a copy of this software and associated documentation files (the  
"Software"), to deal in the Software without restriction,  
including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit persons to whom the Software is furnished to do so, subject to  
the following conditions:

The above copyright notice and this permission notice shall be  
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY  
KIND,  
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND  
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE  
LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION  
OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION  
WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
=====
===
```

## Third-Party Notices

---

### Fourth-Party Dependencies

jul-to-slf4j  
Copyright (c) 2004-2017 QOS.ch

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

### Fourth-Party Dependencies

org.yaml snakeyaml

License : Apache License Version 2.0

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

```
=====
=====
Fourth-Party Dependencies
```

```
com.fasterxml.jackson.core    jackson-annotations
com.fasterxml.jackson.core    jackson-core
com.fasterxml.jackson.core    jackson-databind
com.fasterxml.jackson.datatype  jackson-datatype-jdk8
com.fasterxml.jackson.datatype  jackson-datatype-jsr310
com.fasterxml.jackson.module  jackson-module-parameter-names
```

```
License : Apache License Version 2.0
License text : [0] in License reference.
```

```
Common copyright notice:
```

```
Copyright (c) 2019 Tatu Saloranta
```

```
2.0 This product is licensed to you under the Apache License, Version
with (the "License"). You may not use this product except in compliance
the License.
```

```
This product may include a number of subcomponents with separate
copyright notices and license terms. Your use of the source code for
these subcomponents is subject to the terms and conditions of the
subcomponent's license, as noted in the license.txt file.
```

```
-----
Notice:
```

```
# Jackson JSON processor
```

```
Jackson is a high-performance, Free/Open Source JSON processing
library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi),
and has
been in development since 2007.
It is currently developed by a community of developers.
```

```
## Licensing
```

```
Jackson 2.x core and extension components are licensed under Apache
License 2.0
To find the details that apply to this artifact see the accompanying
LICENSE file.
```

```
## Credits
```

```
A list of contributors may be found from CREDITS(-2.x) file, which is
included
in some artifacts (usually source distributions); but is always
available
```

## Third-Party Notices

---

from the source code management (SCM) system project uses.

=====  
=====  
Fourth-Party Dependencies  
micrometer-observation  
micrometer-common

Micrometer

Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
-----  
This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the 'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

```
=====
=====
Fourth-Party Dependencies
```

```
org.apache.tomcat.embed    tomcat-embed-core
org.apache.tomcat.embed    tomcat-embed-websocket
org.apache.tomcat.embed    tomcat-embed-el
```

```
License : Apache License Version 2.0
```

```
Copyright 1999-2023 The Apache Software Foundation
```

```
# Licensed to the Apache Software Foundation (ASF) under one or more
# contributor license agreements.  See the NOTICE file distributed
with
# this work for additional information regarding copyright ownership.
# The ASF licenses this file to You under the Apache License, Version
2.0
# (the "License"); you may not use this file except in compliance
with
# the License.  You may obtain a copy of the License at
#
#   http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing, software
# distributed under the License is distributed on an "AS IS" BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
# See the License for the specific language governing permissions and
# limitations under the License.
```

```
License text : [0] in License reference.
```

```
=====
=====
Fourth-Party Dependencies
```

```
ch.randelshofer:fastdoubleparser
```

```
License:
MIT License
```

```
Copyright (c) 2021 Werner Randelshofer, Switzerland.
```

```
Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the "Software"), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
```

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====  
License References are mentioned below.

=====  
=====  
Start License Reference [0]  
=====

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate



it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain

special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not

---

covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote

it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.

Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the

Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and

conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

==== End License Reference [1]  
=====

==== Start License Reference [2]  
=====

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

## Third-Party Notices

---

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

""Contributor"" means any person or entity that distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
  - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property

## Third-Party Notices

---

infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

==== End License Reference [2]  
=====

==== Start License Reference [3]  
=====

EPL 2.0 with secondary license GPL 2.0 with Classpath Exception  
-----

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

## Third-Party Notices

---

b) in the case of each subsequent Contributor:

- i) changes to the Program, and
- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution `"originates"` from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

`"Contributor"` means any person or entity that Distributes the Program.

`"Licensed Patents"` mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

`"Program"` means the Contributions Distributed in accordance with this Agreement.

`"Recipient"` means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

`"Derivative Works"` shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

`"Modified Works"` shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

`"Distribute"` means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

`"Source Code"` means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

`"Secondary License"` means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

- a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all

## Third-Party Notices

---

liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

### 3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance

claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

## Third-Party Notices

---

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

### Exhibit A - Form of Secondary Licenses Notice

```
""This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}.""
```

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

### The GNU General Public License (GPL) Version 2

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to

make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "`Program`", below, refers to any such program or work, and a "`work based on the Program`" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "`modification`".) Each licensee is addressed as "`you`".

Activities other than copying, distribution and modification are not

## Third-Party Notices

---

covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program

---

with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all

## Third-Party Notices

---

its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program

specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.  
Copyright (C)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

## Third-Party Notices

---

the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

-----  
CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent

modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

=====  
 End License Reference [3]  
 =====

"

**"Pivotal, Inc.",spring-boot-starter-jdbc,3.1.0,"**

Top Level Component Copyright:

=====

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====

org.springframework.boot:spring-boot-starter-jdbc:

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

=====  
 =====

Fourth-Party Dependencies

```
org.springframework.boot  spring-boot
org.springframework.boot  spring-boot-autoconfigure
org.springframework.boot  spring-boot-starter
org.springframework.boot  spring-boot-starter-logging
```

License : Apache License Version 2.0

## Third-Party Notices

---

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

-----  
Notice:

Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

=====  
=====

Fourth-Party Dependencies

org.springframework	spring-aop
org.springframework	spring-beans
org.springframework	spring-context
org.springframework	spring-core
org.springframework	spring-expression
org.springframework	spring-jcl
org.springframework	spring-jdbc
org.springframework	spring-tx

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

-----  
Notice:

Spring Framework  
Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

=====  
=====

#### Fourth-Party Dependencies

org.apache.logging.log4j      log4j-api  
org.apache.logging.log4j      log4j-to-slf4j

License : Apache License Version 2.0

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

License text : [0] in License reference.

-----  
Notice:

Apache Log4j  
Copyright 1999-2019 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

## Third-Party Notices

---

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

=====  
=====

### Fourth-Party Dependencies

ch.qos.logback logback-classic  
ch.qos.logback logback-core

License : GNU Lesser General Public License version 2.1, Eclipse  
Public License v1.0

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2017, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under  
either the terms of the Eclipse Public License v1.0 as published by  
the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1  
as published by the Free Software Foundation.

License text : [1], [2] in License reference.

=====  
=====

### Fourth-Party Dependencies

org.slf4j jul-to-slf4j  
org.slf4j slf4j-api

License : MIT License

Copyright (c) 2004-2017 QOS.ch  
All rights reserved.

Permission is hereby granted, free of charge, to any person  
obtaining  
a copy of this software and associated documentation files  
(the

""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

#### Fourth-Party Dependencies

jakarta.annotation      jakarta.annotation-api

License : Eclipse Public License - v 2.0 and GNU General Public License, version 2 with CPE [3]

Copyright:

-----  
/\*  
\* Copyright (c) 2005, 2020 Oracle and/or its affiliates. All rights reserved.  
\*  
\* This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.  
\*  
\* This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at

## Third-Party Notices

---

```
* https://www.gnu.org/software/classpath/license.html.
*
* SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-
2.0
*/

-----
Notice:

# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations
project.

* Project home: https://projects.eclipse.org/projects/ee4j.ca

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the
terms
of the Eclipse Public License v. 2.0 which is available at
http://www.eclipse.org/legal/epl-2.0. This Source Code may also be made
available under the following Secondary Licenses when the conditions for
such
availability set forth in the Eclipse Public License v. 2.0 are satisfied:
GNU
General Public License, version 2 with the GNU Classpath Exception which
is
available at https://www.gnu.org/software/classpath/license.html.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/common-annotations-api

## Third-party Content

## Cryptography

Content may contain encryption software. The country in which you are
currently
may have restrictions on the import, possession, and use, and/or re-export
to
another country, of encryption software. BEFORE using any encryption
software,
please check the country's laws, regulations and policies concerning the
import,
possession, or use, and re-export of encryption software, to see if this
is
```

permitted.

=====  
=====

#### Fourth-Party Dependencies

org.yaml snakeyaml

License : Apache License Version 2.0

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

License text : [0] in License reference.

=====  
=====

#### Fourth-Party Dependencies

Fourth-Party Dependencies

com.zaxxer HikariCP

License : Apache License Version 2.0

Copyright (C) 2013,2014 Brett Wooldridge

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

License text : [0] in License reference.



represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,



it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU

operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the

Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception,

the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent

infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these,

## Third-Party Notices

---

write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

==== End License Reference [1]  
=====

==== Start License Reference [2]  
=====

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of

## Third-Party Notices

---

software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

""Contributor"" means any person or entity that distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
  - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement

## Third-Party Notices

---

negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this

Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

=====  
 ===== End License Reference [2]  
 =====

=====  
 ===== Start License Reference [3]  
 =====  
 # Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS  
 ECLIPSE  
 PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR  
 DISTRIBUTION  
 OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS  
 AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;
 where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution

## Third-Party Notices

---

""originates"" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf.

Contributions do not include changes or additions to the Program that are not Modified Works.

""Contributor"" means any person or entity that Distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions Distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

### 3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such

Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not

apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified

Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## Third-Party Notices

---

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

## Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

## The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software-- to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

## Third-Party Notices

---

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.  
(Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on

the Program, the distribution of the whole must be on the terms of this

License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a

storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections

1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your

cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code

means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control

compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that

is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies

the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to

apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and ""any later version"", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but

WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

## Third-Party Notices

---

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to
redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

---

### ## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under

terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

=====  
 ===== End License Reference [3]  
 =====

"

**"Pivotal, Inc.",spring-boot-starter-aop,3.1.0,"**

Top-Level Component Copyright:

-----  
 -----  
 Spring Boot  
 Copyright (c) 2012-2023 Pivotal, Inc.  
 This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.  
 =====  
 =====

org.springframework.boot:spring-boot-starter-aop:3.1.0

License : Apache License Version 2.0

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

----- NOTICE -----

Spring Boot  
 Copyright (c) 2012-2023 Pivotal, Inc.  
 This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

## Third-Party Notices

---

```
=====
=====
Fourth-Party Dependencies
```

```
    org.springframework.boot    spring-boot-starter
org.springframework.boot    spring-boot-autoconfigure
org.springframework.boot    spring-boot-starter-logging
org.springframework.boot    spring-boot-starter
```

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

### Notices:

#### Spring Boot

Copyright (c) 2012-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

```
=====
=====
Fourth-Party Dependencies
```

```
org.springframework    spring-context
org.springframework    spring-expression
org.springframework    spring-core
org.springframework    spring-jcl
org.springframework    spring-aop
org.springframework    spring-beans
```

License : Apache License Version 2.0 [0]

Copyright 2002-2023 Pivotal, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

#### Notices:

Spring Framework  
Copyright (c) 2002-2023 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0  
(the "License"). You may not use this product except in compliance  
with  
the License.

This product may include a number of subcomponents with separate  
copyright notices and license terms. Your use of the source code for  
these subcomponents is subject to the terms and conditions of the  
subcomponent's license, as noted in the license.txt file.

=====  
=====

#### Fourth-Party Dependencies

org.apache.logging.log4j      log4j-api  
org.apache.logging.log4j      log4j-to-slf4j

License : Apache License Version 2.0 [0]

Common Copyright Notice  
Copyright 1999-2023 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

-----

Apache Log4j  
Copyright 1999-2023 Apache Software Foundation

## Third-Party Notices

---

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

=====  
=====

### Fourth-Party Dependencies

ch.qos.logback logback-classic  
ch.qos.logback logback-core

License : GNU Lesser General Public License version 2.1, Eclipse  
Public License v1.0

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2017, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under  
either the terms of the Eclipse Public License v1.0 as published by  
the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1  
as published by the Free Software Foundation.

License text : [1], [2] in License reference.

=====  
=====

### Fourth-Party Dependencies

org.slf4j:slf4j-api

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

License: MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
===  
Fourth-Party Dependencies

jul-to-slf4j

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

Fourth-Party Dependencies

jakarta.annotation:jakarta.annotation-api

License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]

Copyright:

Text of Copyright

Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary

Licenses when the conditions for such availability set forth in the

Eclipse Public License v. 2.0 are satisfied: GNU General Public License,

version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

-----  
# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made

available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU

General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## ## Source Code

The project maintains the following source code repositories:

- \* <https://github.com/eclipse-ee4j/common-annotations-api>

## ## Third-party Content

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

=====  
=====

## Fourth-Party Dependencies

org.yaml    snakeyaml

License : Apache License Version 2.0

Copyright (c) 2008, <http://www.snakeyaml.org>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

## Third-Party Notices

---

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License text : [0] in License reference.

=====  
=====

### Fourth-Party Dependencies

org.aspectj:aspectjweaver:jar:1.9.19

License: Eclipse Public License Version 2.0 + GPL2 w/ CPE [3]

Copyright:  
Text of Copyright

Copyright (c) 2012, 2021 Oracle and/or its affiliates. All rights reserved.

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0, which is available at <http://www.eclipse.org/legal/epl-2.0>.

This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the

Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception, which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

=====  
=====

License References are mentioned below.

=====  
===== Start License Reference [0]  
=====

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

## Third-Party Notices

---

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,



GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your  
freedom to share and change it. By contrast, the GNU General Public  
Licenses are intended to guarantee your freedom to share and change  
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some  
specially designated software packages--typically libraries--of the  
Free Software Foundation and other authors who decide to use it. You  
can use it too, but we suggest you first think carefully about whether  
this license or the ordinary General Public License is the better  
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,  
not price. Our General Public Licenses are designed to make sure that  
you have the freedom to distribute copies of free software (and charge  
for this service if you wish); that you receive source code or can get  
it if you want it; that you can change the software and use pieces of  
it in new free programs; and that you are informed that you can do  
these things.

To protect your rights, we need to make restrictions that forbid  
distributors to deny you these rights or to ask you to surrender these  
rights. These restrictions translate to certain responsibilities for  
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis  
or for a fee, you must give the recipients all the rights that we gave  
you. You must make sure that they, too, receive or can get the source  
code. If you link other code with the library, you must provide  
complete object files to the recipients, so that they can relink them  
with the library after making changes to the library and recompiling  
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the  
library, and (2) we offer you this license, which gives you legal  
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that  
there is no warranty for the free library. Also, if the library is  
modified by someone else and passed on, the recipients should know  
that what they have is not the original version, so that the original

author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the ""Lesser"" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ""work based on the library"" and a ""work that uses the library"". The

former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.

- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by

this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined

---

library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any

patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

#### Copyright (C)

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.



perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

## Third-Party Notices

---

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all

risks associated with its exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise.



represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of

the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS

## Third-Party Notices

---

SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

-----  
The GNU General Public License (GPL) Version 2

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy,

distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in

whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

## Third-Party Notices

---

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to

apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL

## Third-Party Notices

---

NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `"copyright"` line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.  
Copyright (C)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands

you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989  
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

"

**PostgreSQL Global Development Group, PostgreSQL JDBC driver, 42.6.0,**

-----Top Level Component Info-----

postgresql

-----  
org.postgresql:postgresql

Copyright - PostgreSQL Global Development Group  
License - BSD 2-Clause

License text : [0] in License reference.

===== Start License Reference [0] =====

Copyright (c) 1997, PostgreSQL Global Development Group All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE

## Third-Party Notices

---

POSSIBILITY OF SUCH DAMAGE.

=====  
===== End License Reference [0] =====

-----  
Checker Qual checker-qual  
=====licence=====

Checker Framework qualifiers  
Copyright 2004-present by the Checker Framework developers

MIT License:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

"QR Capital Management, LLC, Lambda Foundry, Inc. and PyData Development Team", Pandas, 1.4.3, "Copyright (c) 2008-2011, AQR Capital Management, LLC, Lambda Foundry, Inc. and PyData Development Team  
All rights reserved.

Copyright (c) 2011-2022, Open source contributors.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====  
dependencies=====  
Copyright (c) 2005-2022, NumPy Developers.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the NumPy Developers nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

```
-----  
-----  
python_dateutil  
Copyright 2017- Paul Ganssle <paul@ganssle.io>  
Copyright 2017- dateutil contributors (see AUTHORS file)
```

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

The above license applies to all contributions after 2017-12-01, as well  
as  
all contributions that have been re-licensed (see AUTHORS file for the  
list of  
contributors who have re-licensed their code).

```
-----  
-----  
pytz
```

Copyright (c) 2003-2019 Stuart Bishop <stuart@stuartbishop.net>

Permission is hereby granted, free of charge, to any person obtaining a  
copy of this software and associated documentation files (the  
"Software"),  
to deal in the Software without restriction, including without limitation  
the rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or sell copies of the Software, and to permit persons to whom the  
Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER  
DEALINGS IN THE SOFTWARE.

```
----- (separator) -----  
--  
== LICENSES  
.  
== Text of license (Apache License, Version 2.0)
```

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including

the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this

License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

''

RIPE-NCC,Net::IP,1.26,"

=====  
=====

File 1 of 2: IP.PM:

```
# Copyright (c) 1999 - 2002                RIPE NCC
#
# All Rights Reserved
#
# Permission to use, copy, modify, and distribute this software and its
# documentation for any purpose and without fee is hereby granted,
# provided that the above copyright notice appear in all copies and that
# both that copyright notice and this permission notice appear in
# supporting documentation, and that the name of the author not be
# used in advertising or publicity pertaining to distribution of the
# software without specific, written prior permission.
#
# THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,
INCLUDING
# ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS; IN NO EVENT SHALL
# AUTHOR BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR
ANY
# DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER
IN
# AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
OF
# OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
```

```
=====
File 2 of 2:  COPYING:
```

Copyright (c) 1999-2000 by RIPE-NCC. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

You should have received a copy of the Perl license along with Perl; see the file README in Perl distribution.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

You should have received a copy of the Artistic License along with Perl; see the file Artistic.

#### NO WARRANTY

BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING,

## Third-Party Notices

---

REPAIR OR CORRECTION.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

=====  
Terms of Perl itself

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License""

-----  
-

-----  
-

The Artistic License

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

- ""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.
- ""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder.
- ""Copyright Holder"" is whoever is named in the copyright or copyrights for

- 
- the package.
  - ""You"" is you, if you're thinking about copying or distributing this Package.
  - ""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)
  - ""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as ftp.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

## Third-Party Notices

---

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) accompany any non-standard executables with their corresponding Standard Version executables, giving the non-standard executables non-standard names, and clearly documenting the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package.  
You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whomever generated them, and may be sold commercially, and may be aggregated with this Package.
7. C or perl subroutines supplied by you and linked into this Package shall not be considered part of this Package.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

```

"
Rafael R. Sevilla,Crypt::Rijndael,1.16,"
TOP-LEVEL copyright for Crypt::Rijndael

/* rijndael - An implementation of the Rijndael cipher.
 * Copyright (C) 2000, 2001 Rafael R. Sevilla <sevillar@team.ph.inter.net>
 *
 * Currently maintained by brian d foy, <bdfoy@cpan.org>
 *
 * This library is free software; you can redistribute it and/or
 * modify it under the terms of the GNU Lesser General Public
 * License as published by the Free Software Foundation; either
 * version 2 of the License, or (at your option) any later version.
 *
 * This library is distributed in the hope that it will be useful,
 * but WITHOUT ANY WARRANTY; without even the implied warranty of
 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
 * Library General Public License for more details.
 *
 * You should have received a copy of the GNU Library General Public
 * License along with this library; if not, write to the Free
 * Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307
USA
 */

```

TOP-LEVEL license for Crypt::Rijndael

---GNU LESSER GENERAL PUBLIC LICENSE---

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates  
the terms and conditions of version 3 of the GNU General Public  
License, supplemented by the additional permissions listed below.

#### 0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser  
General Public License, and the "GNU GPL" refers to version 3 of the GNU  
General Public License.

"The Library" refers to a covered work governed by this License,  
other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided  
by the Library, but which is not otherwise based on the Library.  
Defining a subclass of a class defined by the Library is deemed a mode

of using an interface provided by the Library.

A `""Combined Work""` is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the `""Linked Version""`.

The `""Minimal Corresponding Source""` for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The `""Corresponding Application Code""` for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d) Do one of the following:
  - 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.
  - 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.
- e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

## 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

## Third-Party Notices

---

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

---end of GNU LESSER GENERAL PUBLIC LICENSE---

"

**"Rancher Labs, Inc.", rancher&#x2F;norman,20230110-snapshot,"** -----  
----- Top-Level License -----

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise

designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,

## Third-Party Notices

---

and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

----- Copyright -----  
-----

Copyright (c) 2014-2017 Rancher Labs, Inc.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/purell

== License Type  
Copyright (c) 2012, Martin Angers  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

---

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012, Martin Angers

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/urlesc

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type

## Third-Party Notices

---

ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency

github.com/emicklei/go-restful/v3

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/ghodss/yaml

== License Type

The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2014 Sam Ghods

## Third-Party Notices

---

Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency

---

github.com/gogo/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013, The GoGo Authors. All rights reserved.

Copyright (c) 2015, The GoGo Authors. rights reserved.

Copyright (c) 2015, The GoGo Authors. All rights reserved.

Copyright (c) 2016, The GoGo Authors. All rights reserved.

Copyright (c) 2017, The GoGo Authors. All rights reserved.

Copyright (c) 2018, The GoGo Authors. All rights reserved.

Copyright (c) 2019, The GoGo Authors. All rights reserved.

Copyright 2010 The Go Authors.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/golang/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/gnostic

== License Type

SPDX:Apache-2.0

== Copyright

## Third-Party Notices

---

Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/websocket

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/imdario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleacher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/mailru/easyjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/maruel/panicparse

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Marc-Antoine Ruel  
Copyright 2015 Marc-Antoine Ruel. All rights reserved.  
Copyright 2016 Marc-Antoine Ruel. All rights reserved.  
Copyright 2017 Marc-Antoine Ruel. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/matryer/moq

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Mat Ryer and David Hernandez

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

---

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_golang

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

---

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttpproud/golang\\_protobuf\\_extensions](https://github.com/matttpproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common](https://github.com/prometheus/common)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/procfs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices  
procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/rancher/lasso

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
github.com/rancher/wrangler

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent

## Third-Party Notices

---

claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or

order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sync

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

## Third-Party Notices

---

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent

claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/term

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/tools

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) Microsoft Corporation  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.\n// Use of this source code is governed by a BSD-style\n// license that can be found in the LICENSE file.\n\npackage diff\_test\n\nimport



## == Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
 Copyright 2008 Google Inc. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved."  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved."  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
 -----

## == Dependency

gopkg.in/inf.v0

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
 -----

## == Dependency

gopkg.in/yaml.v2

## == License Type

SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type  
This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies  
of the Software, and to permit persons to whom the Software is furnished  
to do  
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
k8s.io/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiextensions-apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.

---

Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/gengo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.

## Third-Party Notices

---

Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

---

== Dependency  
sigs.k8s.io/json

== License Type  
Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes

of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer

in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent

## Third-Party Notices

---

(50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently

incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.

## Third-Party Notices

---

The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in

accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

```
----- (separator) -----
=====
== SPDX:BSD-2-Clause
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

## Third-Party Notices

---

2. Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
-----
== SPDX:MIT
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**"Rancher Labs, Inc.", rke, 1.4.5,**"

```
----- Top-Level License -----
-----
SPDX:Apache-2.0
```

```
----- Copyright -----
-----
Copyright (c) 2023 [Rancher Labs, Inc.](http://rancher.com)
Copyright (c) CURRENTYEAR [Rancher Labs, Inc.](http://rancher.com)
Copyright 2014 The Kubernetes Authors.
Copyright 2016 The Kubernetes Authors.
Copyright 2023 Rancher Labs, Inc.
```

```
----- Fourth Party Dependencies -----
-----
```

```
----- Licenses -----
-----
- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
```

## Third-Party Notices

---

- MIT

----- (separator) -----  
-----

== Dependency  
github.com/MakeNowJust/heredoc

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2019 TSUYUSATO Kitsune

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/goutils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Alexander Okoli

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/semver/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014-2019, Matt Butcher and Matt Farina

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/sprig/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013-2020 Masterminds

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/purell

---

== License Type

Copyright (c) 2012, Martin Angers  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of its contributors may be  
used to endorse or promote products derived from this software without  
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,  
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR  
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,  
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,  
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF  
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012, Martin Angers

----- (separator) -----  
-----

== Dependency

github.com/PuerkitoBio/urlesc

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/apparentlymart/go-cidr

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Martin Atkins

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Carl Jackson  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices  
AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/blang/semver

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>

----- (separator) -----  
-----

---

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/chai2010/gettext-go

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) YEAR THE PACKAGE'S COPYRIGHT HOLDER  
Copyright 2013 <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2013 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2020 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/containerd/containerd

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2015 Docker, Inc.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 CNI authors  
Copyright 2018 The Kubernetes Authors.

== Notices  
Docker  
Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

The following is courtesy of our legal counsel:

## Third-Party Notices

---

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/coreos/go-semver](https://github.com/coreos/go-semver)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/coreos/go-systemd/v22](https://github.com/coreos/go-systemd/v22)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.

== Notices  
CoreOS Project

---

Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/cpuguy83/go-md2man/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Brian Goff

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type

ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
github.com/docker/distribution

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency  
github.com/docker/docker

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2015 John Howard (Microsoft)  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2018 Docker, Inc.

== Notices  
Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed  
by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the  
United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not  
violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-connections

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-units

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, Inc.  
Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/emicklei/go-restful/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/evanphx/json-patch

== License Type

Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors

## Third-Party Notices

---

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/exponent-io/jsonpath

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Exponent Labs LLC

----- (separator) -----  
-----

== Dependency  
github.com/ghodss/yaml

== License Type

The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/go-errors/errors

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Conrad Irwin <conrad@bugsnag.com>

----- (separator) -----  
-----

== Dependency  
github.com/go-ini/ini

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Unknwon  
Copyright 2015 Unknwon  
Copyright 2016 Unknwon  
Copyright 2017 Unknwon

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

---

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type

## Third-Party Notices

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/btree

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google Inc.

----- (separator) -----  
-----

== Dependency

github.com/google/gnostic

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

== Dependency

github.com/google/go-cmp

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.

---

Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/shlex

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gregjones/httpcache

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2012 Greg Jones (greg.jones@gmail.com)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/huandu/xstrings

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Huan Du  
Copyright 2015 Huan Du. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/imdario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

---

```
== Dependency
github.com/json-iterator/go

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2016 json-iterator
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/liggitt/tabwriter

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/mailru/easyjson

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright (c) 2016 Mail.Ru Group
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/mattn/go-colorable

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2016 Yasuhiro Matsumoto
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/mattn/go-isatty

== License Type
SPDX:MIT
```

## Third-Party Notices

---

### == Copyright

Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----  
-----

### == Dependency

github.com/matttproud/golang\_protobuf\_extensions

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

Copyright 2013 Matt T. Proud

Copyright 2016 Matt T. Proud

### == Notices

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

### == Dependency

github.com/mcuadros/go-version

### == License Type

SPDX:MIT

### == Copyright

Copyright (c) 2013 M·ximo Cuadros

----- (separator) -----  
-----

### == Dependency

github.com/mitchellh/copystructure

### == License Type

SPDX:MIT

### == Copyright

Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

### == Dependency

github.com/mitchellh/go-wordwrap

### == License Type

SPDX:MIT

### == Copyright

---

Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/reflectwalk

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/moby/sys/mount

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/moby/sys/mountinfo

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/moby/term

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/monochromegane/go-gitignore

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) [2015] [go-gitignore]

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type

Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in  
the documentation and/or other materials provided with the  
distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the  
names of its contributors may be used to endorse or promote  
products derived from this software without specific prior written  
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/go-digest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.

## Third-Party Notices

---

Copyright 2017 Docker, Inc.  
Copyright 2019, 2020 OCI Contributors  
Copyright 2020, 2020 OCI Contributors  
Copyright © 2016 Docker, Inc.  
Copyright © 2019, 2020 OCI Contributors

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/image-spec

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.  
Copyright 2016 The Linux Foundation  
Copyright 2016 The Linux Foundation.  
Copyright 2017 The Linux Foundation

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/runc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2020 Aleksa Sarai <cyphar@cyphar.com>  
Copyright (C) 2020 SUSE LLC  
Copyright 2012-2015 Docker, Inc.  
Copyright 2014 Docker, Inc.  
Copyright 2016 SUSE LLC  
Copyright 2016, 2017 SUSE LLC  
copyright 2014 Docker, inc.

== Notices  
runc

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<http://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <http://www.bis.doc.gov>

See also <http://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/peterbourgon/diskv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2012 Peter Bourgon

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_golang

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

## Third-Party Notices

---

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common](https://github.com/prometheus/common)

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices

Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

[github.com/prometheus/procfs](https://github.com/prometheus/procfs)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices

procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

[github.com/rancher/lasso](https://github.com/rancher/lasso)

== License Type

SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright  
Copyright 2019 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
github.com/rancher/norman

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014-2017 [Rancher Labs, Inc.] (<http://rancher.com>)

----- (separator) -----  
-----

== Dependency  
github.com/rancher/wrangler

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <[russ@russross.com](mailto:russ@russross.com)>.

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday/v2

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <[russ@russross.com](mailto:russ@russross.com)>.

----- (separator) -----  
-----

== Dependency  
github.com/shopspring/decimal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Oguz Bilgic  
Copyright (c) 2015 Spring, Inc.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cast

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright © 2014 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cobra

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Red Hat Inc. All rights reserved.  
Copyright 2016 French Ben. All rights reserved.  
Copyright © 2013 Steve Francia <spf@spf13.com>.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/spfl3/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/urfave/cli

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Jeremy Saenz & Contributors

----- (separator) -----  
-----

== Dependency  
github.com/xlab/treeprint

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2016 Maxim Kupriianov <max@kc.vc>

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/api/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors

```
----- (separator) -----
-----

== Dependency
go.etcd.io/etcd/client/pkg/v3

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2013 The Go Authors. All rights reserved.
Copyright 2013 The etcd Authors
Copyright 2015 The etcd Authors
Copyright 2016 The etcd Authors
Copyright 2017 The etcd Authors
Copyright 2018 The etcd Authors
Copyright 2019 The etcd Authors
Copyright 2021 The etcd Authors

----- (separator) -----
-----

== Dependency
go.etcd.io/etcd/client/v2

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2015 The Go Authors. All rights reserved.
Copyright 2015 The etcd Authors
Copyright 2016 The etcd Authors
Copyright 2017 The etcd Authors
Copyright 2019 The etcd Authors

----- (separator) -----
-----

== Dependency
go.etcd.io/etcd/client/v3

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2015 The etcd Authors
Copyright 2016 The etcd Authors
Copyright 2017 The etcd Authors
Copyright 2018 The etcd Authors
Copyright 2019 The etcd Authors
Copyright 2020 The etcd Authors
Copyright 2021 The etcd Authors

----- (separator) -----
-----
```

## Third-Party Notices

---

== Dependency  
go.starlark.net

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017 The Bazel Authors. All rights reserved.  
Copyright (c) 2018 The Bazel Authors.  
Copyright 2017 The Bazel Authors. All rights reserved.  
Copyright 2018 The Bazel Authors. All rights reserved.  
Copyright 2019 The Bazel Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/multierr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/zap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.

Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

---

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sync

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent

## Third-Party Notices

---

rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/term

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/time

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this

implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.

## Third-Party Notices

---

Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/protobuf](http://google.golang.org/protobuf)

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by  
Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive,  
no-charge, royalty-free, irrevocable (except as stated in this section)  
patent license to make, have made, use, offer to sell, sell, import,  
transfer and otherwise run, modify and propagate the contents of this  
implementation of Go, where such license applies only to those patent

claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

---

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cli-runtime

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.

---

Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-base

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kube-openapi

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (C) MongoDB, Inc. 2017-present.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kubectl

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kubernetes

---

== License Type  
SPDX:Apache-2.0

== Copyright

Copyright (C) 2011 Blake Mizerany  
Copyright (C) 2012 Rob Figueiredo  
Copyright (C) 2013 Blake Mizerany  
Copyright (C) 2013-2018 by Maxim Bubliss <b@codemonkey.ru>  
Copyright (C) 2014-2015 Docker Inc & Go Authors. All rights reserved.  
Copyright (C) 2016 Travis Cline  
Copyright (C) 2016 Trevor N. Suarez (Rican7)  
Copyright (C) 2017 SUSE LLC. All rights reserved.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2009 The oauth2 Authors. All rights reserved.  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright (c) 2010 The win\_pdh Authors. All rights reserved.  
Copyright (c) 2010-2013 - Gustavo Niemeyer <gustavo@niemeyer.net>  
Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright (c) 2011-2012 Peter Bourgon  
Copyright (c) 2011-2013, 'pq' Contributors  
Copyright (c) 2012 - 2013 Mat Ryer and Tyler Bunnell  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 Dave Grijalva  
Copyright (c) 2012 Elazar Leibovich. All rights reserved.  
Copyright (c) 2012 PÉter Surányi. Portions Copyright (c) 2009 The Go  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2012 fsnotify Authors. All rights reserved.  
Copyright (c) 2012, Martin Angers  
Copyright (c) 2012, Neal van Veen (nealvanveen@gmail.com)  
Copyright (c) 2012,2013 Ernest Micklei  
Copyright (c) 2012-2015 Ugorji Nwoke.  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 - 2017 Thomas Pelletier, Eric Anderton  
Copyright (c) 2013 Armon Dadgar  
Copyright (c) 2013 Ben Johnson  
Copyright (c) 2013 Dario Castaño. All rights reserved.  
Copyright (c) 2013 Mitchell Hashimoto  
Copyright (c) 2013 Phillip Bond  
Copyright (c) 2013 Skagerrak Software Limited. All rights reserved.  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright (c) 2013, Dave Cheney  
Copyright (c) 2013, Geert-Johan Riemer  
Copyright (c) 2013, Georg Reinke (<guelfey at gmail dot com>), Google  
Copyright (c) 2013, Jason Moiron  
Copyright (c) 2013, Patrick Mezard  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2013-2014 - Frank Schroeder  
Copyright (c) 2013-2014 Onsi Fakhouri  
Copyright (c) 2013-2017, go-dockerclient authors  
Copyright (c) 2014 Alex Saskevich  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>  
Copyright (c) 2014 Brian Goff  
Copyright (c) 2014 CloudFlare Inc.  
Copyright (c) 2014 Joel

## Third-Party Notices

---

Copyright (c) 2014 Mitchell Hashimoto  
Copyright (c) 2014 Nate Finch  
Copyright (c) 2014 Sam Ghods  
Copyright (c) 2014 Simon Eskildsen  
Copyright (c) 2014 Steve Francia  
Copyright (c) 2014 Stretchr, Inc.  
Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.  
Copyright (c) 2014 Yasuhiro Matsumoto  
Copyright (c) 2014, Elazar Leibovich  
Copyright (c) 2014, Evan Phoenix  
Copyright (c) 2014, OmniTI Computer Consulting, Inc.  
Copyright (c) 2014-2017 TSUYUSATO Kitsune  
Copyright (c) 2015 Dmitri Shuralyov  
Copyright (c) 2015 Exponent Labs LLC  
Copyright (c) 2015 Fatih Arslan  
Copyright (c) 2015 Frits van Bommel  
Copyright (c) 2015 Matthew Heon <mheon@redhat.com>  
Copyright (c) 2015 Microsoft  
Copyright (c) 2015 Microsoft Corporation  
Copyright (c) 2015 Paul Moore <pmoore@redhat.com>  
Copyright (c) 2015 Peter Renstr m  
Copyright (c) 2015 Sergio Rubio  
Copyright (c) 2015 The New York Times Company  
Copyright (c) 2015 Xiang Li  
Copyright (c) 2015, Daniel Mart . All rights reserved.  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>  
Copyright (c) 2015, Gengo, Inc.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2017 Nick Galbreath  
Copyright (c) 2015-2017 StorageOS  
Copyright (c) 2016 David Deng  
Copyright (c) 2016 Mail.Ru Group  
Copyright (c) 2016 Martin Strobel  
Copyright (c) 2016 P ter Sur nyi.  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016 json-iterator  
Copyright (c) 2016, David Deng  
Copyright (c) 2016, Qiang Xue  
Copyright (c) 2016, Quobyte Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Ernest Micklei  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2017 Yasuhiro Matsumoto  
Copyright (c) 2017, Karrick McDermott  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 Kamil Kisiel <kamil@kamilkisiel.net>  
Copyright 2012 Keith Rarick  
Copyright 2012-2013 Rackspace, Inc.  
Copyright 2013 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2013 Suryandaru Triandana <syndtr@gmail.com>  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2016 Docker, Inc.  
Copyright 2013-2017 Docker, Inc.

Copyright 2014 Alan Shreve  
 Copyright 2014 Docker, Inc.  
 Copyright 2014 Google Inc.  
 Copyright 2014 Reverb Technologies, Inc.  
 Copyright 2014 The Kubernetes Authors.  
 Copyright 2014 The cAdvisor Authors  
 Copyright 2014 Vishvananda Ishaya.  
 Copyright 2014-2015 Docker, Inc.  
 Copyright 2014-2016 ClusterHQ  
 Copyright 2015 CoreOS, Inc.  
 Copyright 2015 Docker, Inc.  
 Copyright 2015 James Saryerwinnie  
 Copyright 2015 Karl Isenberg  
 Copyright 2015 Microsoft Corporation  
 Copyright 2015 Openstorage.org.  
 Copyright 2015 The Kubernetes Authors.  
 Copyright 2015 The Linux Foundation.  
 Copyright 2016 CoreOS, Inc.  
 Copyright 2016 Docker, Inc.  
 Copyright 2016 Google Inc. All Rights Reserved.  
 Copyright 2016 Microsoft Corporation  
 Copyright 2016 The Kubernetes Authors.  
 Copyright 2016 The Linux Foundation.  
 Copyright 2017 Microsoft Corporation  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2017 The Kubernetes Authors.  
 Copyright 2018 The Kubernetes Authors.  
 Copyright © 2011 Russ Ross  
 Copyright © 2012 Greg Jones (greg.jones@gmail.com)  
 Copyright © 2012-2015 Carlos Castillo  
 Copyright © 2013 Keith Rarick.  
 Copyright © 2014 Jeff Hodges <jeff@somethingsimilar.com>  
 copyright (c) 2011 Miek Gieben

----- (separator) -----  
 -----

== Dependency  
 k8s.io/pod-security-admission

== License Type  
 SPDX:Apache-2.0

== Copyright  
 Copyright 2021 The Kubernetes Authors.  
 Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency  
 k8s.io/utils

== License Type  
 SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

sigs.k8s.io/json

### == License Type

Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.
```

```
See the License for the specific language governing permissions and  
limitations under the License.
```

-----

```
internal/golang/* files licensed under:
```

```
Copyright (c) 2009 The Go Authors. All rights reserved.
```

```
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:
```

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
```

---

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/kustomize/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/kustomize/kyaml

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright (c) 2018 QRI, Inc.  
Copyright 2011-2016 Canonical Ltd.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/structured-merge-diff/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type

The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

## Third-Party Notices

---

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but

excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those

## Third-Party Notices

---

notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for

loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
----- (separator) -----
=====
== SPDX:BSD-2-Clause
```

Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:MIT

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Ray Finch, Clone, 0.46,**  
"TOP-LEVEL copyright for Clone

Copyright 2001-2022 Ray Finch. All Rights Reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Clone

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where

---

to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

## Third-Party Notices

---

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

## Third-Party Notices

---

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software

Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

## Third-Party Notices

---

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

**Redis Labs Ltd,RedisGraph,2.8.20,**

```
" ----- Top-level license -----
-----
```

REDIS SOURCE AVAILABLE LICENSE AGREEMENT

Version 1, February 21, 2019

This Agreement sets forth the terms on which the Licensor makes available the Software. BY INSTALLING, DOWNLOADING, ACCESSING, USING OR DISTRIBUTING ANY OF THE SOFTWARE, YOU AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO SUCH TERMS AND CONDITIONS, YOU MUST NOT

USE THE SOFTWARE. If you are receiving the Software on behalf of a legal entity, you represent and warrant that you have the actual authority to agree to the terms and conditions of this agreement on behalf of such entity.

## 0. DEFINITIONS

The terms below have the meanings set forth below for purposes of this Agreement:

Agreement: this Redis Source Available License Agreement.

Database Product: any of the following products or services: (a) database; (b) caching engine; (c) stream processing engine; (d) search engine; (e) indexing engine; (f) machine learning or deep learning or artificial intelligence serving engine; (g) a product or service exposing the Redis API; (h) a product or service exposing the Redis Modules API; or (i) a product or service exposing the Software API.

License: the Redis Source Available License described in Section 1.

Licensor: Redis Labs Ltd.

Modification: a modification of the Software made by You under the License, Section 1.1(c).

Redis: the open source Redis software as described in redis.io.

Software: certain software components designed to work with Redis and provided to you under this Agreement.

You: the recipient of this Software, an individual, or the entity on whose behalf you are receiving the Software.

Your Application: an application developed by or for You, where such application is not a Database Product.

## 1. LICENSE GRANT AND CONDITIONS

1.1 Subject to the terms and conditions of this Section 1, Licensor hereby grants to You a non-exclusive, royalty-free, worldwide, non-transferable license during the term of this Agreement to:

(a) distribute or make available the Software or your Modifications under the terms of this Agreement, only as part of Your Application, so long as you include the following notice on any copy you distribute: "This software is subject to the terms of the Redis Source Available License Agreement".

(b) use the Software, or your Modifications, only as part of Your Application, but not in connection with any Database Product that is distributed or otherwise made available by any third party.

(c) modify the Software, provided that Modifications remain subject to the terms of this License.

(d) reproduce the Software as necessary for the above.

## Third-Party Notices

---

1.2. Sublicensing. You may sublicense the right to use the Software fully embedded in Your Application as distributed by you in accordance with Section 1.1(a), pursuant to a written license that disclaims all warranties and liabilities on behalf of Licensor.

1.3. Notices. On all copies of the Software that you make, you must retain all copyright or other proprietary notices.

2. TERM AND TERMINATION. This Agreement will continue unless and until earlier terminated as set forth herein. If You breach any of its conditions or obligations under this Agreement, this Agreement will terminate automatically and the licenses granted herein will terminate automatically.

3. INTELLECTUAL PROPERTY. As between the parties, Licensor retains all right, title, and interest in the Software, and to Redis or other Licensor trademarks or service marks, and all intellectual property rights therein. Licensor hereby reserves all rights not expressly granted to You in this Agreement.

4. DISCLAIMER. TO THE EXTENT ALLOWABLE UNDER LAW, LICENSOR HEREBY DISCLAIMS ANY AND ALL WARRANTIES AND CONDITIONS, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, AND SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE. Licensor has no obligation to support the Software.

5. LIMITATION OF LIABILITY. TO THE EXTENT ALLOWABLE UNDER LAW, LICENSOR WILL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO, LOST PROFITS OR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, OR DIRECT DAMAGES, ARISING OUT OF OR RELATING TO THIS AGREEMENT.

6. GENERAL. You are not authorized to assign Your rights under this Agreement to any third party. Licensor may freely assign its rights under this Agreement to any third party. This Agreement is the entire agreement between the parties on the subject matter hereof. No amendment or modification hereof will be valid or binding upon the parties unless made in writing and signed by the duly authorized representatives of both parties. In the event that any provision, including without limitation any condition, of this Agreement is held to be unenforceable, this Agreement and all licenses and rights granted hereunder will immediately terminate. Failure by Licensor to exercise any right hereunder will not be construed as a waiver of any subsequent breach of that right or as a waiver of any other right. This Agreement will be governed by and interpreted in accordance with the laws of the state of California, without reference to its conflict of laws principles. If You are located within the United States, all disputes arising out of this Agreement are subject to the exclusive jurisdiction of courts located in Santa Clara County, California, USA. If You are located outside of the United States, any dispute, controversy or claim arising out of or relating to this Agreement will be referred to and finally determined by arbitration in accordance with the JAMS before a single arbitrator in Santa Clara County, California. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.

----- Copyright notices -----

--

Copyright 2018-2022 Redis Labs Ltd. and Contributors

This file is available under the Redis Labs Source Available License Agreement

----- Fourth-party information -----  
--

== NAME OF DEPENDENCY 1

GraphBLAS 7.0.3

== License Type

Apache 2.0

== Copyright Notices

SuiteSparse:GraphBLAS, Timothy A. Davis, (c) 2017-2022, All Rights Reserved.

The following Apache-2.0 applies to all of SuiteSparse:GraphBLAS except for the

@GrB interface:

SPDX-License-Identifier: Apache-2.0

Licensed under the Apache License, Version 2.0 (the "License"); you may not use SuiteSparse:GraphBLAS except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

No files that are compiled and packaged as part of the libgraphblas.so or libgraphblas.a libraries are licensed under the GNU GPLv3. All of those files are licensed under the Apache-2.0 license.

=====  
=====

The @GrB interface, including its test suite and demos (all files in the GraphBLAS/GraphBLAS folder) are not under the above Apache-2.0 license, but

under the GNU GPLv3 (or later) license instead. Refer to the file GraphBLAS/GraphBLAS/@GrB/LICENSE for details.

All files throughout this package and the @GrB interface are tagged with an SPDX license identifier, file by file. Either:

SPDX-License-Identifier: Apache-2.0

or, for the @GrB interface, its test suite, and demos:

SPDX-License-Identifier: GPL-3.0-or-later

=====  
=====

## Third-Party Notices

---

Dependencies:

=====  
=====

-----  
-----

LZ4: SPDX-License-Identifier: BSD-2-Clause

-----  
-----

LZ4 Library  
Copyright (c) 2011-2016, Yann Collet  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice, this

list of conditions and the following disclaimer in the documentation  
and/or

other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

cpu\_features: SPDX-License-Identifier: Apache-2.0

-----  
-----

Copyright 2017 Google LLC, Apache 2.0 license

With additional files from IBM and Intel (also Apache 2.0):

```

    cpu_features/include/cpuinfo_ppc.h:1:// Copyright 2018 IBM (Apache
2.0)
    cpu_features/src/impl_ppc_linux.c:1:// Copyright 2018 IBM. (Apache
2.0)
    cpu_features/include/cpuinfo_x86.h:2:// Copyright 2020 Intel
Corporation
    cpu_features/src/impl_x86__base_implementation.inl:2:// Copyright 2020
Intel Corporation

```

```

-----
-----
cpu_features/ndk_compat: SPDX-License-Identifier: BSD-2-Clause
-----
-----

```

Copyright (C) 2010 The Android Open Source Project  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in  
the documentation and/or other materials provided with the  
distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS  
FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE  
COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,  
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,  
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS  
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT  
OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF  
SUCH DAMAGE.

```

----- (separator) -----

```

```

--
== NAME OF DEPENDENCY 2
RediSearch
== License Type
REDIS SOURCE AVAILABLE LICENSE AGREEMENT
== Copyright Notices
src/util/siphash.c:
    Copyright (c) 2012-2016 Jean-Philippe Aumasson
<jeanphilippe.aumasson@gmail.com>
    Copyright (c) 2012-2014 Daniel J. Bernstein <djb@cr.yp.to>
    Copyright (c) 2017 Salvatore Sanfilippo <antirez@gmail.com>

```

To the extent possible under law, the author(s) have dedicated all  
copyright  
and related and neighboring rights to this software to the public  
domain  
worldwide. This software is distributed without any warranty.

## Third-Party Notices

---

You should have received a copy of the CC0 Public Domain Dedication along

with this software. If not, see  
<<http://creativecommons.org/publicdomain/zero/1.0/>>.

src/util/dict.h and src/util/dict.c:

```
* Copyright (c) 2006-2012, Salvatore Sanfilippo <antirez at gmail dot
com>
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions are
met:
*
* * Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
* * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the
distribution.
* * Neither the name of Redis nor the names of its contributors may be
used
*   to endorse or promote products derived from this software without
*   specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
""AS IS""
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE
* POSSIBILITY OF SUCH DAMAGE.
```

src/util/khash.h:

Copyright (c) 2008, 2009, 2011 by Attractive Chaos  
<[attractor@live.co.uk](mailto:attractor@live.co.uk)>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

src/hll/LICENSE:

Copyright (c) 2015 Artem Zaytsev <arepo@nologin.ru>

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

libcypher-parser

== License Type

Apache 2.0

== Copyright Notices

# Copyright 2016, Chris Leishman (<http://github.com/cleishm>)

#

# Licensed under the Apache License, Version 2.0 (the "License");

# you may not use this file except in compliance with the License.

# You may obtain a copy of the License at

#

# <http://www.apache.org/licenses/LICENSE-2.0>

#

# Unless required by applicable law or agreed to in writing, software

# distributed under the License is distributed on an "AS IS" BASIS,

# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

# See the License for the specific language governing permissions and

# limitations under the License.

----- (separator) -----

--

## Third-Party Notices

---

== NAME OF DEPENDENCY 4

rax

== License Type

BSD 2-clause

== Copyright Notices

Copyright (c) 2017, Salvatore Sanfilippo <antirez@gmail.com>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== NAME OF DEPENDENCY 5

readies

== License Type

BSD 3-clause

== Copyright Notices

BSD 3-Clause License

Copyright (c) 2019, Redis Labs Modules

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its

contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== NAME OF DEPENDENCY 6  
xxHash  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2016 Caleb Spare

MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 7  
friso  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright (c) 2010 lionsoul<chenxin619315@gmail.com>

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 8
geohash
== License Type
BSD 3-clause
== Copyright Notices
* Copyright (c) 2013-2014, yinqiwen <yinqiwen@gmail.com>
* Copyright (c) 2014, Matt Stancliff <matt@genges.com>.
* Copyright (c) 2015, Salvatore Sanfilippo <antirez@gmail.com>.
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions are
met:
*
* * Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
* * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* * Neither the name of Redis nor the names of its contributors may be
used
*   to endorse or promote products derived from this software without
*   specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
* BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS
```

```
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
* THE POSSIBILITY OF SUCH DAMAGE.
```

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 9
```

```
hiredis
```

```
== License Type
```

```
BSD 3-clause
```

```
== Copyright Notices
```

```
Copyright (c) 2009-2011, Salvatore Sanfilippo <antirez at gmail dot com>
```

```
Copyright (c) 2010-2011, Pieter Noordhuis <pcnoordhuis at gmail dot com>
```

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Redis nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 10
```

```
libnu
```

```
== License Type
```

## Third-Party Notices

---

MIT

== Copyright Notices

Copyright (c) 2013 Aleksey Tulinov <aleksey.tulinov@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 11

libuv

== License Type

MIT, BSD 2-clause, ISC

== Copyright Notices

libuv is licensed for use as follows:

====

Copyright (c) 2015-present libuv project contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

---

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

This license applies to parts of libuv originating from the <https://github.com/joyent/libuv> repository:

====

Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

This license applies to all parts of libuv that are not externally maintained libraries.

The externally maintained libraries used by libuv are:

- tree.h (from FreeBSD), copyright Niels Provos. Two clause BSD license.
- inet\_pton and inet\_ntop implementations, contained in src/inet.c, are copyright the Internet Systems Consortium, Inc., and licensed under the ISC license.
- include/uv/tree.h (BSD 2-clause)
  - \* Copyright 2002 Niels Provos <provos@citi.umich.edu>
  - \* All rights reserved.
  - \*
  - \* Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

## Third-Party Notices

---

```
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
-- src/inet.c (ISC)
* Copyright (c) 2004 by Internet Systems Consortium, Inc. ("ISC")
* Copyright (c) 1996-1999 by Internet Software Consortium.
*
* Permission to use, copy, modify, and distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS.  IN NO EVENT SHALL ISC BE LIABLE FOR
* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
* ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
----- (separator) -----
--
== NAME OF DEPENDENCY 12
miniz
== License Type
MIT
== Copyright Notices
Copyright 2013-2014 RAD Game Tools and Valve Software
Copyright 2010-2014 Rich Geldreich and Tenacious Software LLC
```

All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
--

== NAME OF DEPENDENCY 13

phonetics

== License Type

Perl (Artistic or GPL v1)

== Copyright Notices

Copyright 2007, Stephen Lacy <slacy@slacy.com>

This code is a derivative work from an implementation by Maurice Aubrey <maurice@hevanet.com>, and modified to use STL vector and string classes instead of bare pointers.

Original Comments by Maurice Aubrey:

=====

All rights reserved.

This code is based heavily on the C++ implementation by Lawrence Philips and incorporates several bug fixes courtesy of Kevin Atkinson <kevina@users.sourceforge.net>.

This module is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

----- (separator) -----  
--

== NAME OF DEPENDENCY 14

rmutil

== License Type

BSD 3-clause

== Copyright Notices

\* Copyright (c) 2006-2015, Salvatore Sanfilippo <antirez at gmail dot com>

\* Copyright (c) 2015, Oran Agra

\* Copyright (c) 2015, Redis Labs, Inc

\* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

```
* modification, are permitted provided that the following conditions are
met:
*
* * Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
* * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the
distribution.
* * Neither the name of Redis nor the names of its contributors may be
used
*   to endorse or promote products derived from this software without
*   specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE
* POSSIBILITY OF SUCH DAMAGE.
----- (separator) -----
--
== NAME OF DEPENDENCY 15
snowball
== License Type
BSD 3-clause
== Copyright Notices
Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2004,2005, Richard Boulton
Copyright (c) 2013, Yoshiki Shibukawa
Copyright (c) 2006,2007,2009,2010,2011,2014-2019, Olly Betts
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. Neither the name of the Snowball project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== NAME OF DEPENDENCY 16

C-Thread-Pool

== License Type

MIT

== Copyright Notices

The MIT License (MIT)

Copyright (c) 2016 Johan Hanssen Seferidis

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

## Third-Party Notices

---

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 17

triemap

== License Type

BSD 2-clause

== Copyright Notices

Copyright (c) 2017, Redis Labs

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== LICENSES

.

== Text of license (Apache 2.0)

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted""

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an ""AS IS"" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
== Text of license (Perl (Artistic or GPL v1))
    The ""Artistic License""
```

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
    - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
    - b) accompany the distribution with the machine-readable source of the Package with your modifications.
    - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
    - d) make other distribution arrangements with the Copyright Holder.
  5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
  6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
  7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
  8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
  9. The name of the Copyright Holder may not be used to endorse or promote

products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

----- (separator) -----  
--

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we

want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

---

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will

## Third-Party Notices

---

be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to

attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!"

**Redis Labs Ltd, RediSearch, 2.2.10,**

" ----- Top-level license -----  
-----

## Third-Party Notices

---

### REDIS SOURCE AVAILABLE LICENSE AGREEMENT

Version 1, February 21, 2019

This Agreement sets forth the terms on which the Licensor makes available the Software. BY INSTALLING, DOWNLOADING, ACCESSING, USING OR DISTRIBUTING ANY OF THE SOFTWARE, YOU AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO SUCH TERMS AND CONDITIONS, YOU MUST NOT USE THE SOFTWARE. If you are receiving the Software on behalf of a legal entity, you represent and warrant that you have the actual authority to agree to the terms and conditions of this agreement on behalf of such entity.

#### 0. DEFINITIONS

The terms below have the meanings set forth below for purposes of this Agreement:

**Agreement:** this Redis Source Available License Agreement.

**Database Product:** any of the following products or services: (a) database; (b) caching engine; (c) stream processing engine; (d) search engine; (e) indexing engine; (f) machine learning or deep learning or artificial intelligence serving engine; (g) a product or service exposing the Redis API; (h) a product or service exposing the Redis Modules API; or (i) a product or service exposing the Software API.

**License:** the Redis Source Available License described in Section 1.

**Licensor:** Redis Labs Ltd.

**Modification:** a modification of the Software made by You under the License, Section 1.1(c).

**Redis:** the open source Redis software as described in [redis.io](https://redis.io).

**Software:** certain software components designed to work with Redis and provided to you under this Agreement.

**You:** the recipient of this Software, an individual, or the entity on whose behalf you are receiving the Software.

**Your Application:** an application developed by or for You, where such application is not a Database Product.

#### 1. LICENSE GRANT AND CONDITIONS

1.1 Subject to the terms and conditions of this Section 1, Licensor hereby grants to You a non-exclusive, royalty-free, worldwide, non-transferable license during the term of this Agreement to:

(a) distribute or make available the Software or your Modifications under the terms of this Agreement, only as part of Your Application, so long as you include the following notice on any copy you

distribute: ""This software is subject to the terms of the Redis Source Available License Agreement"".

(b) use the Software, or your Modifications, only as part of Your Application, but not in connection with any Database Product that is distributed or otherwise made available by any third party.

(c) modify the Software, provided that Modifications remain subject to the terms of this License.

(d) reproduce the Software as necessary for the above.

1.2. Sublicensing. You may sublicense the right to use the Software fully embedded in Your Application as distributed by you in accordance with Section 1.1(a), pursuant to a written license that disclaims all warranties and liabilities on behalf of Licensor.

1.3. Notices. On all copies of the Software that you make, you must retain all copyright or other proprietary notices.

2. TERM AND TERMINATION. This Agreement will continue unless and until earlier terminated as set forth herein. If You breach any of its conditions or obligations under this Agreement, this Agreement will terminate automatically and the licenses granted herein will terminate automatically.

3. INTELLECTUAL PROPERTY. As between the parties, Licensor retains all right, title, and interest in the Software, and to Redis or other Licensor trademarks or service marks, and all intellectual property rights therein. Licensor hereby reserves all rights not expressly granted to You in this Agreement.

4. DISCLAIMER. TO THE EXTENT ALLOWABLE UNDER LAW, LICENSOR HEREBY DISCLAIMS ANY AND ALL WARRANTIES AND CONDITIONS, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, AND SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE. Licensor has no obligation to support the Software.

5. LIMITATION OF LIABILITY. TO THE EXTENT ALLOWABLE UNDER LAW, LICENSOR WILL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO, LOST PROFITS OR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, OR DIRECT DAMAGES, ARISING OUT OF OR RELATING TO THIS AGREEMENT.

6. GENERAL. You are not authorized to assign Your rights under this Agreement to any third party. Licensor may freely assign its rights under this Agreement to any third party. This Agreement is the entire agreement between the parties on the subject matter hereof. No amendment or modification hereof will be valid or binding upon the parties unless made in writing and signed by the duly authorized representatives of both parties. In the event that any provision, including without limitation any condition, of this Agreement is held to be unenforceable, this Agreement and all licenses and rights granted hereunder will immediately terminate. Failure by Licensor to exercise any right hereunder will not be construed as a waiver of any subsequent breach of that right or as a waiver of any other right. This Agreement will be governed by and interpreted in accordance with the laws of the state of California, without reference to its conflict of laws principles. If You are located within the United States, all disputes arising out of this Agreement are subject to the exclusive jurisdiction of courts located in Santa Clara

## Third-Party Notices

---

County, California. USA. If You are located outside of the United States, any dispute, controversy or claim arising out of or relating to this Agreement will be referred to and finally determined by arbitration in accordance with the JAMS before a single arbitrator in Santa Clara County, California. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.

----- Copyright notices -----

--

src/util/siphash.c:

Copyright (c) 2012-2016 Jean-Philippe Aumasson  
<jeanphilippe.aumasson@gmail.com>  
Copyright (c) 2012-2014 Daniel J. Bernstein <djb@cr.yp.to>  
Copyright (c) 2017 Salvatore Sanfilippo <antirez@gmail.com>

To the extent possible under law, the author(s) have dedicated all copyright and related and neighboring rights to this software to the public domain worldwide. This software is distributed without any warranty.

You should have received a copy of the CC0 Public Domain Dedication along with this software. If not, see <<http://creativecommons.org/publicdomain/zero/1.0/>>.

src/util/dict.h and src/util/dict.c:

\* Copyright (c) 2006-2012, Salvatore Sanfilippo <antirez at gmail dot com>  
\* All rights reserved.  
\*  
\* Redistribution and use in source and binary forms, with or without  
\* modification, are permitted provided that the following conditions are met:  
\*  
\* \* Redistributions of source code must retain the above copyright notice,  
\* this list of conditions and the following disclaimer.  
\* \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  
\* \* Neither the name of Redis nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.  
\*  
\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

src/util/khash.h:

Copyright (c) 2008, 2009, 2011 by Attractive Chaos  
<attractor@live.co.uk>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

src/hll/LICENSE:

Copyright (c) 2015 Artem Zaytsev <arepo@nologin.ru>

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Fourth-party information -----  
--

## Third-Party Notices

---

```
== NAME OF DEPENDENCY 1
friso
== License Type
Apache 2.0
== Copyright Notices
Copyright (c) 2010 lionsoul<chenxin619315@gmail.com>
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

```
== NAME OF DEPENDENCY 2
geohash
== License Type
BSD 3-clause
== Copyright Notices
* Copyright (c) 2013-2014, yinqiwen <yinqiwen@gmail.com>
* Copyright (c) 2014, Matt Stancliff <matt@genges.com>.
* Copyright (c) 2015, Salvatore Sanfilippo <antirez@gmail.com>.
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions are
met:
*
* * Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
* * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* * Neither the name of Redis nor the names of its contributors may be
used
*   to endorse or promote products derived from this software without
*   specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
```

\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS  
\* BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF  
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR  
BUSINESS  
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN  
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF  
\* THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== NAME OF DEPENDENCY 3

hiredis

== License Type

BSD 3-clause

== Copyright Notices

Copyright (c) 2009-2011, Salvatore Sanfilippo <antirez at gmail dot com>

Copyright (c) 2010-2011, Pieter Noordhuis <pcnoordhuis at gmail dot com>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Redis nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

## Third-Party Notices

---

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== NAME OF DEPENDENCY 4

libnu

== License Type

MIT

== Copyright Notices

Copyright (c) 2013 Aleksey Tulinov <aleksey.tulinov@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 5

libuv

== License Type

MIT, BSD 2-clause, ISC

== Copyright Notices

libuv is licensed for use as follows:

====

Copyright (c) 2015-present libuv project contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

This license applies to parts of libuv originating from the <https://github.com/joyent/libuv> repository:

====

Copyright Joyent, Inc. and other Node contributors. All rights reserved. Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

This license applies to all parts of libuv that are not externally maintained libraries.

The externally maintained libraries used by libuv are:

- tree.h (from FreeBSD), copyright Niels Provos. Two clause BSD license.
- inet\_pton and inet\_ntop implementations, contained in src/inet.c, are copyright the Internet Systems Consortium, Inc., and licensed under the ISC

## Third-Party Notices

---

```
license.

-- include/uv/tree.h (BSD 2-clause)
* Copyright 2002 Niels Provos <provos@citi.umich.edu>
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
USE,
* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
-- src/inet.c (ISC)
* Copyright (c) 2004 by Internet Systems Consortium, Inc. ("ISC")
* Copyright (c) 1996-1999 by Internet Software Consortium.
*
* Permission to use, copy, modify, and distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS.  IN NO EVENT SHALL ISC BE LIABLE FOR
* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
* ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT
* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
----- (separator) -----
--
== NAME OF DEPENDENCY 6
miniz
== License Type
MIT
== Copyright Notices
Copyright 2013-2014 RAD Game Tools and Valve Software
Copyright 2010-2014 Rich Geldreich and Tenacious Software LLC

All Rights Reserved.
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 7

phonetics

== License Type

Perl

== Copyright Notices

Copyright 2007, Stephen Lacy <slacy@slacy.com>

This code is a derivative work from an implementation by Maurice Aubrey <maurice@hevanet.com>, and modified to use STL vector and string classes instead of bare pointers.

Original Comments by Maurice Aubrey:

=====

All rights reserved.

This code is based heavily on the C++ implementation by Lawrence Philips and incorporates several bug fixes courtesy of Kevin Atkinson <kevina@users.sourceforge.net>.

This module is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

----- (separator) -----

--

== NAME OF DEPENDENCY 8

readies

== License Type

BSD 3-clause

== Copyright Notices

## Third-Party Notices

---

BSD 3-Clause License

Copyright (c) 2019, Redis Labs Modules  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

```
--  
== NAME OF DEPENDENCY 9  
rmutil  
== License Type  
BSD 3-clause  
== Copyright Notices  
* Copyright (c) 2006-2015, Salvatore Sanfilippo <antirez at gmail dot  
com>  
* Copyright (c) 2015, Oran Agra  
* Copyright (c) 2015, Redis Labs, Inc  
* All rights reserved.  
*  
* Redistribution and use in source and binary forms, with or without  
* modification, are permitted provided that the following conditions are  
met:  
*
```

```

*   * Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
*   * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the
distribution.
*   * Neither the name of Redis nor the names of its contributors may be
used
*   to endorse or promote products derived from this software without
*   specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE
* POSSIBILITY OF SUCH DAMAGE.
----- (separator) -----
--
== NAME OF DEPENDENCY 10
snowball
== License Type
BSD 3-clause
== Copyright Notices
Copyright (c) 2001, Dr Martin Porter
Copyright (c) 2004,2005, Richard Boulton
Copyright (c) 2013, Yoshiki Shibukawa
Copyright (c) 2006,2007,2009,2010,2011,2014-2019, Olly Betts
All rights reserved.

```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Snowball project nor the names of its contributors

## Third-Party Notices

---

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
--  
== NAME OF DEPENDENCY 11  
C-Thread-Pool  
== License Type  
MIT  
== Copyright Notices  
The MIT License (MIT)

Copyright (c) 2016 Johan Hanssen Seferidis

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```

----- (separator) -----
--
== NAME OF DEPENDENCY 12
triemap
== License Type
BSD 2-clause
== Copyright Notices
Copyright (c) 2017, Redis Labs
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright notice,
this
  list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
notice,
  this list of conditions and the following disclaimer in the
documentation
  and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS
IS""
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE
LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
----- (separator) -----
--
== LICENSES
.
== Text of license (Apache 2.0)

                Apache License
                Version 2.0, January 2004
                http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

    ""License"" shall mean the terms and conditions for use,
reproduction,

```

## Third-Party Notices

---

and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all

other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

== Text of license (Perl)

The `""Artistic License""`

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

`""Package""` refers to the collection of files distributed by the

Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.

---

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

```
== Text of license (ISC)
ISC License (ISC)
Copyright <YEAR> <OWNER>
```

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

"

```
Redis Labs Ltd,RedisJSON,2.2.0,"RedisJSON
ïThis software is subject to the terms of the Redis Source Available
License Agreementî
```

### REDIS SOURCE AVAILABLE LICENSE AGREEMENT

Version 1, February 21, 2019

This Agreement sets forth the terms on which the Licensor makes available the Software. BY INSTALLING, DOWNLOADING, ACCESSING, USING OR DISTRIBUTING ANY OF THE SOFTWARE, YOU AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO SUCH TERMS AND CONDITIONS, YOU MUST NOT USE THE SOFTWARE. If you are receiving the Software on behalf of a legal entity, you represent and warrant that you have the actual authority to agree to the terms and conditions of this agreement on behalf of such entity.

#### 0. DEFINITIONS

The terms below have the meanings set forth below for purposes of this Agreement:

Agreement: this Redis Source Available License Agreement.

Database Product: any of the following products or services: (a) database; (b) caching engine; (c) stream processing engine; (d) search engine; (e) indexing engine; (f) machine learning or deep learning or artificial intelligence serving engine; (g) a product or service exposing the Redis API; (h) a product or service exposing the Redis Modules API; or (i) a product or service exposing the Software API.

License: the Redis Source Available License described in Section 1.

Licensor: Redis Labs Ltd.

Modification: a modification of the Software made by You under the License, Section 1.1(c).

Redis: the open source Redis software as described in redis.io.

Software: certain software components designed to work with Redis and provided to you under this Agreement.

You: the recipient of this Software, an individual, or the entity on whose behalf you are receiving the Software.

Your Application: an application developed by or for You, where such application is not a Database Product.

## 1. LICENSE GRANT AND CONDITIONS

1.1 Subject to the terms and conditions of this Section 1, Licensor hereby grants to You a non-exclusive, royalty-free, worldwide, non-transferable license during the term of this Agreement to:

(a) distribute or make available the Software or your Modifications under the terms of this Agreement, only as part of Your Application, so long as you include the following notice on any copy you distribute: ""This software is subject to the terms of the Redis Source Available License Agreement"".

(b) use the Software, or your Modifications, only as part of Your Application, but not in connection with any Database Product that is distributed or otherwise made available by any third party.

(c) modify the Software, provided that Modifications remain subject to the terms of this License.

(d) reproduce the Software as necessary for the above.

1.2. Sublicensing. You may sublicense the right to use the Software fully embedded in Your Application as distributed by you in accordance with Section 1.1(a), pursuant to a written license that disclaims all warranties and liabilities on behalf of Licensor.

1.3. Notices. On all copies of the Software that you make, you must retain all copyright or other proprietary notices.

2. TERM AND TERMINATION. This Agreement will continue unless and until earlier terminated as set forth herein. If You breach any of its conditions or obligations under this Agreement, this Agreement will terminate automatically and the licenses granted herein will terminate automatically.

3. INTELLECTUAL PROPERTY. As between the parties, Licensor retains all right, title, and interest in the Software, and to Redis or other Licensor trademarks or service marks, and all intellectual property rights therein. Licensor hereby reserves all rights not expressly granted to You in this Agreement.

## Third-Party Notices

---

4. **DISCLAIMER.** TO THE EXTENT ALLOWABLE UNDER LAW, LICENSOR HEREBY DISCLAIMS ANY AND ALL WARRANTIES AND CONDITIONS, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, AND SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE. Licensor has no obligation to support the Software.

5. **LIMITATION OF LIABILITY.** TO THE EXTENT ALLOWABLE UNDER LAW, LICENSOR WILL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO, LOST PROFITS OR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, OR DIRECT DAMAGES, ARISING OUT OF OR RELATING TO THIS AGREEMENT.

6. **GENERAL.** You are not authorized to assign Your rights under this Agreement to any third party. Licensor may freely assign its rights under this Agreement to any third party. This Agreement is the entire agreement between the parties on the subject matter hereof. No amendment or modification hereof will be valid or binding upon the parties unless made in writing and signed by the duly authorized representatives of both parties. In the event that any provision, including without limitation any condition, of this Agreement is held to be unenforceable, this Agreement and all licenses and rights granted hereunder will immediately terminate. Failure by Licensor to exercise any right hereunder will not be construed as a waiver of any subsequent breach of that right or as a waiver of any other right. This Agreement will be governed by and interpreted in accordance with the laws of the state of California, without reference to its conflict of laws principles. If You are located within the United States, all disputes arising out of this Agreement are subject to the exclusive jurisdiction of courts located in Santa Clara County, California, USA. If You are located outside of the United States, any dispute, controversy or claim arising out of or relating to this Agreement will be referred to and finally determined by arbitration in accordance with the JAMS before a single arbitrator in Santa Clara County, California. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.

----- Copyright notices -----  
--

src/formatter.rs:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY

CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- Fourth-party information -----

--

== NAME OF DEPENDENCY 1

readies

== License Type

BSD 3-clause

== Copyright Notices

BSD 3-Clause License

Copyright (c) 2019, Redis Labs Modules

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

**Robert Allen, swagger-php, 4.4.9,**

" ----- Top-level license -----

-----

Apache License  
Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
----- Copyright notices -----
--
none
----- Fourth-party information -----
--
== NAME OF DEPENDENCY 1
doctrine/lexer
```

## Third-Party Notices

---

== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2006-2018 Doctrine Project

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--  
== NAME OF DEPENDENCY 1  
psr/cache  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2015 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
--

```
== NAME OF DEPENDENCY 1
symfony/polyfill-ctype
== License Type
MIT
== Copyright Notices
Copyright (c) 2018-2019 Fabien Potencier
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
--

```
== NAME OF DEPENDENCY 1
symfony/yaml
== License Type
MIT
== Copyright Notices
Copyright (c) 2004-2022 Fabien Potencier
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

## Third-Party Notices

---

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

```
--  
== NAME OF DEPENDENCY 1  
symfony/finder  
== License Type  
MIT  
== Copyright Notices  
Copyright (c) 2004-2022 Fabien Potencier
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 1
psr/log
== License Type
MIT
== Copyright Notices
Copyright (c) 2012 PHP Framework Interoperability Group

Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the ""Software""), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
----- (separator) -----
--
== NAME OF DEPENDENCY 1
doctrine/annotations
== License Type
MIT
== Copyright Notices
Copyright (c) 2006-2013 Doctrine Project

Permission is hereby granted, free of charge, to any person obtaining a
copy of
this software and associated documentation files (the ""Software""), to
deal in
the Software without restriction, including without limitation the rights
to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies
of the Software, and to permit persons to whom the Software is furnished
to do
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.
```

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Rocco Caputo, POE, 1.370,**

"TOP-LEVEL copyright for POE

Rocco Caputo is <rcaputo@cpan.org>. POE is his brainchild. He wishes to thank you for your interest, and he has more thanks than he can count for all the people who have contributed. POE would not be nearly as cool without you.

Except where otherwise noted, POE is Copyright 1998-2013 Rocco Caputo. All rights reserved. POE is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for POE

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public

---

License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software

distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Third-Party Notices

---

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this

---

General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

## Third-Party Notices

---

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Carp

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

```
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Scalar::Util

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
```

Additionally "weaken" and "isweak" which are

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Storable

== License Type

Perl

## Third-Party Notices

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

---

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name `""Text::Wrap""` unless it passes the unmodified `Text::Wrap` test suite.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 if

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Cwd

== License Type

Perl

== Copyright Notices

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 IO

== License Type

Perl

== Copyright Notices

No Copyright from the source

-----separator-----

FOURTH-PARTY DEPENDENCY #18 File::Temp

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Carp::Heavy

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #20 File::Path

---

== License Type  
Perl

== Copyright Notices  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,  
James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #21 IO::Handle

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #22 IO::Seekable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 IO::Pipely

== License Type  
Perl

== Copyright Notices  
IO::Pipely is copyright 2000-2021 by Rocco Caputo. All rights reserved.  
IO::Pipely is free software; you may redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 IO::Socket

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein <lstein@cshl.org>. This module is distributed under the same terms as Perl itself. Feel free to use, modify and redistribute it as long as you retain the correct attribution.

-----separator-----  
FOURTH-PARTY DEPENDENCY #26 base

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #27 IO::Tty

== License Type  
Perl

== Copyright Notices  
Now all code is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Nevertheless the above AUTHORS retain their copyrights to the various parts and want to receive credit if their source code is used. See the source for details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #28 POE::Test::Loops

== License Type  
Perl

== Copyright Notices  
Rocco Caputo <rcaputo@cpan.org>. Benjamin Smith <bsmith@cpan.org>. Countless other people.

These tests are Copyright 1998-2013 by Rocco Caputo, Benjamin Smith, and countless contributors. All rights are reserved. These tests are free software; you may redistribute them and/or modify them under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #29 Socket

== License Type  
Perl

== Copyright Notices  
No copyright info from the source.

---

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Time::HiRes

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2002 Douglas E. Wegscheid. All rights reserved.

Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008 Jarkko Hietaniemi.  
All rights reserved.

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

## Third-Party Notices

---

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the

Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as

## Third-Party Notices

---

output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's

---

software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of

## Third-Party Notices

---

it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable

file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w` and `show c` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

Roland Huss, Jolokia, 1.7.2, "<https://jolokia.org/license.html>

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition,

""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include

the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2009-2010 Roland Huss

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License."

**Ronan Oger, SVG, 2.87,**

"TOP-LEVEL copyright for SVG

Copyright 2001- Ronan Oger

The modules in the SVG distribution are distributed under the same license as Perl itself. It is provided free of warranty and may be re-used freely.

TOP-LEVEL license for SVG

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer

## Third-Party Notices

---

to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large

as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly

## Third-Party Notices

---

commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

---

## Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and

## Third-Party Notices

---

disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

## Third-Party Notices

---

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

```
FOURTH-PARTY DEPENDENCY #1 Carp
== License Type
Perl
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
```

-----separator-----

```
FOURTH-PARTY DEPENDENCY #2 Exporter
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #4 Encode
== License Type
Perl
```

## Third-Party Notices

---

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

---

```
Perl
== Copyright Notices
Copyright (c) 2002 Sean M. Burke.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes
== License Type
Perl
== Copyright Notices
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
Portions of the data tables in this module are derived from the entity
declarations in the W3C XHTML specification.
Currently (October 2001), that's these three:
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #12 Cwd
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
-----separator-----
```

```
FOURTH-PARTY DEPENDENCY #13 Scalar::Util
== License Type
Perl
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
Additionally ""weaken"" and ""isweak"" which are
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as perl itself.
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright
(C) 2014 cPanel Inc. All rights reserved. This program is free software;
you can redistribute it and/or modify it under the same terms as Perl
itself.
```

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type

Perl (Part of base Perl distribution. License type is Perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name "Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich. This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Class::Accessor

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 File::Slurp

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 File::Temp

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 IO::Handle

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

"

**Rueian,rueidis,0.0.95,**

"2907----- Top-Level License -----

-----

SPDX:Apache-2.0

----- Copyright -----

-----

Copyright (c) 2013 The github.com/go-redis/redis Authors.

Copyright 2001-2010 Georges Menie (www.menie.org)

Copyright 2010 Salvatore Sanfilippo (adapted to Redis coding style)

Copyright 2021 Rueian (https://github.com/rueian)

----- Notices -----

-----

rueidis

Copyright 2021 Rueian (https://github.com/rueian)

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- Apache-2.0

----- (separator) -----

-----

== Dependency

github.com/go-logr/logr

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 The logr Authors.

Copyright 2020 The logr Authors.

Copyright 2021 The logr Authors.

----- (separator) -----

-----

== Dependency

github.com/go-logr/stdr

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/golang/mock

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2010 Google Inc.  
Copyright 2011 Google Inc.  
Copyright 2012 Google Inc.  
Copyright 2019 Google LLC  
Copyright 2020 Google Inc.  
Copyright 2020 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/oklog/ulid/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The Oklog Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/metric

== License Type  
SPDX:Apache-2.0

---

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- Licenses -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

## Third-Party Notices

---

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in

this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide

## Third-Party Notices

---

additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate

notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

291329132913"

**Rueian,rueidis,1.0.19,"**

----- Top-Level License -----

-----  
SPDX:Apache-2.0

----- Copyright -----

-----  
Copyright (c) 2013 The github.com/go-redis/redis Authors.  
Copyright 2001-2010 Georges Menie (www.menie.org)  
Copyright 2010 Salvatore Sanfilippo (adapted to Redis coding style)  
Copyright 2021 Rueian (https://github.com/rueian)

----- Notices -----

-----  
rueidis  
Copyright 2021 Rueian (https://github.com/rueian)

----- Fourth Party Dependencies -----

----- Licenses -----

-----  
- Apache-2.0

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.  
Copyright 2022 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/stdr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/oklog/ulid/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The Oklog Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

---

```
== Dependency
go.opentelemetry.io/otel/metric
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

```
== Dependency
go.opentelemetry.io/otel/trace
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

```
== Dependency
go.uber.org/mock
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2010 Google Inc.
Copyright 2011 Google Inc.
Copyright 2012 Google Inc.
Copyright 2020 Google Inc.
Copyright 2020 Google LLC
Copyright 2022 Google LLC
```

```
----- Licenses -----
-----
```

```
== SPDX:Apache-2.0
```

```
Apache License
```

```
Version 2.0, January 2004
```

```
http://www.apache.org/licenses/
```

```
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
```

```
1. Definitions.
```

```
"License" shall mean the terms and conditions for use, reproduction, and
distribution as defined by Sections 1 through 9 of this document.
```

```
"Licensor" shall mean the copyright owner or entity authorized by the
```

copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code

control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution,

## Third-Party Notices

---

then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages,

including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

```
Copyright [yyyy] [name of copyright owner]
```

```
Licensed under the Apache License, Version 2.0 (the ""License"");
```

```
you may not use this file except in compliance with the License.
```

```
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an ""AS IS"" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.
```

```
"
```

```
Salvador Fandino,Math::Int64,0.54,
```

```
"TOP-LEVEL copyright for Math::Int64
```

## Third-Party Notices

---

Copyright © 2007, 2009, 2011-2015 by Salvador Fandiño (sfandino@yahoo.com)

Copyright © 2014-2015 by Dave Rolsky (autarch@urth.org)

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.8.8 or, at your option, any later version of Perl 5 you may have available.

TOP-LEVEL license for Math::Int64

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or

## Third-Party Notices

---

an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the

equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that

## Third-Party Notices

---

you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice

that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original

## Third-Party Notices

---

licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it

free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

## Third-Party Notices

---

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type

Perl

== Copyright Notices

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices

---

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 constant

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

## Third-Party Notices

---

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph 1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General

Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

## Third-Party Notices

---

--- end of The GNU General Public License, Version 1, February 1989 ---  
"  
Salvatore Sanfilippo,redis,7.2.3,"

Copyright (c) 2006-2020, Salvatore Sanfilippo

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Redis nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Redis uses source code from third parties. All this code contains a BSD or BSD-compatible license. The following is a list of third-party files and information about their copyright.

-----  
Dependencies

-----

===

Jemalloc

Unless otherwise specified, files in the jemalloc source distribution are subject to the following license:

-----  
-----

Copyright (C) 2002-present Jason Evans <jasone@canonware.com>.

All rights reserved.

Copyright (C) 2007-2012 Mozilla Foundation. All rights reserved.

Copyright (C) 2009-present Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice(s),  
this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice(s),  
 this list of conditions and the following disclaimer in the documentation  
 and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER(S) ``AS IS'' AND ANY EXPRESS  
 OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF  
 MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO  
 EVENT SHALL THE COPYRIGHT HOLDER(S) BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
 LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR  
 PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE  
 OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

====

hdr\_histogram

The code in this repository code was Written by Gil Tene, Michael Barker, and Matt Warren, and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the ""BSD"" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is \*also\* provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

-----

---

\*\* Beginning of ""BSD 2-Clause License"" text. \*\*

Copyright (c) 2012, 2013, 2014 Gil Tene  
 Copyright (c) 2014 Michael Barker  
 Copyright (c) 2014 Matt Warren  
 All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

## Third-Party Notices

---

2. Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Creative Commons Legal Code

CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES

REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person

associating CC0 with a Work (the ""Affirmer""), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights (""Copyright and Related Rights""). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the ""Waiver""). Affirmer makes the Waiver for the benefit of each

member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and

Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

#### 4. Limitations and Disclaimers.

- a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.
- b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.
- c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.
- d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

====

Hiredis

Copyright (c) 2009-2011, Salvatore Sanfilippo <antirez at gmail dot com>  
Copyright (c) 2010-2011, Pieter Noordhuis <pcnoordhuis at gmail dot com>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

\* Neither the name of Redis nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

====

```
redis/deps/jemalloc/bin/jeprof.in
# Copyright (c) 1998-2007, Google Inc.
# All rights reserved.
#
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
# met:
#
#   * Redistributions of source code must retain the above copyright
#   notice, this list of conditions and the following disclaimer.
#   * Redistributions in binary form must reproduce the above
#   copyright notice, this list of conditions and the following disclaimer
#   in the documentation and/or other materials provided with the
#   distribution.
#   * Neither the name of Google Inc. nor the names of its
#   contributors may be used to endorse or promote products derived from
#   this software without specific prior written permission.
#
# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
# A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
# OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
# SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
# LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
# DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
# THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
# (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
# OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

## Third-Party Notices

---

====

linenoise

```
/* linenoise.c -- guerrilla line editing library against the idea that a
 * line editing lib needs to be 20,000 lines of C code.
 *
 * You can find the latest source code at:
 *
 *   http://github.com/antirez/linenoise
 *
 * Does a number of crazy assumptions that happen to be true in 99.9999%
of
 * the 2010 UNIX computers around.
 *
 * -----
 *
 * Copyright (c) 2010-2016, Salvatore Sanfilippo <antirez at gmail dot
com>
 * Copyright (c) 2010-2013, Pieter Noordhuis <pcnoordhuis at gmail dot
com>
 *
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions are
 * met:
 *
 * * Redistributions of source code must retain the above copyright
 *   notice, this list of conditions and the following disclaimer.
 *
 * * Redistributions in binary form must reproduce the above copyright
 *   notice, this list of conditions and the following disclaimer in the
 *   documentation and/or other materials provided with the
distribution.
 *
 * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
 * ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
 * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
 * A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
 * HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
 * SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
 * LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
 * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
 * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
 * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
 * OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
 *
 * -----
 *
 * -----
```

====

Lua

## Lua License

-----

Lua is licensed under the terms of the MIT license reproduced below. This means that Lua is free software and can be used for both academic and commercial purposes at absolutely no cost.

For details and rationale, see <http://www.lua.org/license.html> .

=====

Copyright (C) 1994-2012 Lua.org, PUC-Rio.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

(end of COPYRIGHT)

=====

```
redis/src/crc64.c
/* Copyright (c) 2014, Matt Stancliff <matt@genges.com>
 * Copyright (c) 2020, Amazon Web Services
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions are
met:
 *
```

## Third-Party Notices

---

```
* * Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
* * Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the
distribution.
* * Neither the name of Redis nor the names of its contributors may be
used
*   to endorse or promote products derived from this software without
*   specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS
BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
THE
* POSSIBILITY OF SUCH DAMAGE. */

redis/src/lzf_c.c
redis/src/lzf_d.c
redis/src/lzf.h
redis/src/lzfp.h
/*
* Copyright (c) 2000-2010 Marc Alexander Lehmann <schmorp@schmorp.de>
*
* Redistribution and use in source and binary forms, with or without
modifica-
* tion, are permitted provided that the following conditions are met:
*
* 1. Redistributions of source code must retain the above copyright
notice,
*   this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in
the
*   documentation and/or other materials provided with the
distribution.
*
* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR
IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MER-
```

\* CHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\* Alternatively, the contents of this file may be used under the terms of the GNU General Public License ("GPL") version 2 or any later version, in which case the provisions of the GPL are applicable instead of the above. If you wish to allow the use of your version of this file only under the terms of the GPL and not to allow others to use your version of this file under the BSD license, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL. If you do not delete the provisions above, a recipient may use your version of this file under either the BSD or the GPL.

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These

## Third-Party Notices

---

restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in

object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU.

## Third-Party Notices

---

SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

"

**Scott Motte, dotenv, 16.0.3,**

" ----- Top-level license -----  
-----

Copyright (c) 2015, Scott Motte All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE

----- Copyright notices -----

--

Copyright (c) 2015, Scott Motte

----- Fourth-party information -----

--

None

"

**Scott Penrose, Sys::Hostname::Long, 1.5,**

"TOP-LEVEL copyright for Sys::Hostname::Long

Copyright (c) 2001, 2004, 2005, 2015 Scott Penrose. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

TOP-LEVEL license for Sys::Hostname::Long

---

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a

## Third-Party Notices

---

Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict

---

with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible

## Third-Party Notices

---

to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy,

distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

## Third-Party Notices

---

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions

of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey

## Third-Party Notices

---

the exclusion of warranty; and each file should have at least the  
"copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it  
does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 1, or (at your option)  
any later version.

This program is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.

You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-  
1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the  
appropriate parts of the General Public License. Of course, the  
commands you use may be called something other than `show w' and `show  
c'; they could even be mouse-clicks or menu items--whatever suits your  
program.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```

Sean C Foley,ipaddress-go,1.5.4,
"2963----- Top-Level License -----
-----
SPDX:Apache-2.0

----- Copyright -----
-----
Copyright 2020-2022 Sean C Foley
Copyright 2022 Sean C Foley

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- Apache-2.0

----- (separator) -----
-----

== Dependency
github.com/seancfoley/bintree

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2022 Sean C Foley

----- Licenses -----
-----
== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and
distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the
copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other
entities that control, are controlled by, or are under common control with
that entity. For the purposes of this definition, ""control"" means (i)
the
power, direct or indirect, to cause the direction or management of such
entity, whether by contract or otherwise, or (ii) ownership of fifty
percent

```

## Third-Party Notices

---

(50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently

incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.

## Third-Party Notices

---

The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in

accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

296729672967"

**Simon Cozens,Email::Simple,2.218,**

"TOP-LEVEL copyright for Email-Simple

This software is copyright (c) 2003 by Simon Cozens.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Email-Simple

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

## Third-Party Notices

---

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute

---

the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain

## Third-Party Notices

---

that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #1 Carp
== License Type
```

## Third-Party Notices

---

```
Perl
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>
-----separator-----
FOURTH-PARTY DEPENDENCY #2 Exporter
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #4 Encode
== License Type
Perl
== Copyright Notices
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #5 Storable
== License Type
Perl
== Copyright Notices
No copyright info from source
-----separator-----
FOURTH-PARTY DEPENDENCY #6 XSLoader
== License Type
Perl
== Copyright Notices
Copyright (C) 1990-2011 by Larry Wall and others.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #7 parent
== License Type
Perl
== Copyright Notices
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea
of base.pm, which was introduced with Perl 5.004_04.
-----separator-----
FOURTH-PARTY DEPENDENCY #8 File::Spec
== License Type
Perl
== Copyright Notices
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #9 Pod::Man
== License Type
```

---

```
Perl
== Copyright Notices
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>
Substantial contributions by Sean Burke <sburke@cpan.org>.
This program is free software; you may redistribute it and/or modify it
under the same terms as Perl itself.
-----separator-----
FOURTH-PARTY DEPENDENCY #10 Pod::Simple
== License Type
Perl
== Copyright Notices
Copyright (c) 2002 Sean M. Burke.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
-----separator-----
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes
== License Type
Perl
== Copyright Notices
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.
This library is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
This program is distributed in the hope that it will be useful, but
without any warranty; without even the implied warranty of merchantability
or fitness for a particular purpose.
Portions of the data tables in this module are derived from the entity
declarations in the W3C XHTML specification.
Currently (October 2001), that's these three:
http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent
http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent
-----separator-----
FOURTH-PARTY DEPENDENCY #12 Cwd
== License Type
Perl
== Copyright Notices
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
Portions of the C code in this library are copyright (c) 1994 by the
Regents of the University of California. All rights reserved. The license
on this code is compatible with the licensing of the rest of the
distribution - please see the source code in Cwd.xs for the details.
-----separator-----
FOURTH-PARTY DEPENDENCY #13 Scalar::Util
== License Type
Perl
== Copyright Notices
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights
reserved. This program is free software; you can redistribute it and/or
modify it under the same terms as Perl itself.
Additionally ""weaken"" and ""isweak"" which are
```

## Third-Party Notices

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type

Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type

Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Email::Date::Format

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2004 by Casey West.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Time::Local

== License Type

Perl

== Copyright Notice

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 constant

== License Type  
Perl

== Copyright Notice  
Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course,

## Third-Party Notices

---

the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you

duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall

## Third-Party Notices

---

under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it.

You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

- a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and
- b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.
- d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING

## Third-Party Notices

---

WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the

appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Simon Cozens and Casey West,Email::MIME,1.953,**  
"TOP-LEVEL copyright for Email::MIME

This software is copyright (c) 2004 by Simon Cozens and Casey West.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Email::MIME

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral

## Third-Party Notices

---

equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved,

and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this

## Third-Party Notices

---

Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source

## Third-Party Notices

---

code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the

corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY

## Third-Party Notices

---

FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 Email::Address::XS

```
= License Type
Perl, MIT License
```

```
--- MIT License ---
Copyright 2018 Dovecot Authors
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR

## Third-Party Notices

---

OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

--- END of MIT License ---

== Copyright Notice

Copyright (C) 2015-2018 by Pali <pali@cpan.org>

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself, either Perl version 5.6.0 or, at your option, any later version of Perl 5 you may have available.

Dovecot parser is licensed under The MIT License and copyrighted by Dovecot authors.

Copyright (c) 2002-2018 Dovecot authors

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Email::MIME::ContentType

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2004 by Simon Cozens.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Email::MIME::Encodings

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2004 by Simon Cozens.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Email::MessageID

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2004 by Casey West.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Email::Simple

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2003 by Simon Cozens.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 Email::Simple::Creator

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2003 by Simon Cozens.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 Email::Simple::Header

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2003 by Simon Cozens.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 Encode

== License Type  
Perl

== Copyright Notice  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 MIME::Types

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notice  
Copyrights 1999-2022 by [Mark Overmeer <markov@cpan.org>]. For other contributors see ChangeLog.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself. See <http://dev.perl.org/licenses/>

-----separator-----

FOURTH-PARTY DEPENDENCY #10 MIME::Base64

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Module::Runtime

== License Type  
Perl

== Copyright Notice  
Copyright (C) 2004, 2006, 2007, 2009, 2010, 2011, 2012, 2014, 2017 Andrew Main (Zefram) <zefram@fysh.org>  
This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Scalar::Util

== License Type  
Perl

== Copyright Notice

---

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 parent

== License Type  
Perl

== Copyright Notice

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

This module is released under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 XSLoader

== License Type  
Perl

== Copyright Notice

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Carp

== License Type  
Perl

== Copyright Notice

Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Text::Unidecode

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2001, 2014, 2015, 2016 Sean M. Burke.

Unidecode is distributed under the Perl Artistic License ( perlartistic ),  
namely:

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but  
without any warranty; without even the implied warranty of merchantability  
or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Exporter

== License Type  
Perl

== Copyright Notice  
No copyright from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #18 MIME::QuotedPrint

== License Type  
Perl

== Copyright Notice  
Copyright 1995-1997,2002-2004 Gisle Aas.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Email::Date::Format

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2004 by Casey West.

---

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Time::Local

== License Type  
Perl

== Copyright Notice

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 constant

== License Type  
Perl

== Copyright Notice

Copyright (C) 1997, 1999 Tom Phoenix

This module is free software; you can redistribute it or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #22 Storable

== License Type  
Perl

== Copyright Notice

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #23 File::Spec

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notice

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #24 List::Util

== License Type

Perl

== Copyright Notice

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Recent additions and current maintenance by Paul Evans, <leonerdd@leonerdd.org.uk>.

-----separator-----

FOURTH-PARTY DEPENDENCY #25 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notice

No copyright from source.

-----separator-----

FOURTH-PARTY DEPENDENCY #26 Data::Dumper

== License Type

Perl

== Copyright Notice

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #27 Pod::Man

== License Type

Perl

== Copyright Notice

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

-----separator-----

FOURTH-PARTY DEPENDENCY #28 Pod::Simple

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #29 Cwd

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #30 Pod::Escapes

== License Type  
Perl

== Copyright Notice  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

## Third-Party Notices

---

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #31 Text::Wrap

== License Type

Perl (Part of base Perl distribution. License type is Perl)

== Copyright Notice

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name "Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #32 if

== License Type

Perl

== Copyright Notice

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may

---

sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the

## Third-Party Notices

---

Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However,

you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies

## Third-Party Notices

---

of this license document, but changing it is not allowed.

### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and

appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is

## Third-Party Notices

---

allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN

OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

## Third-Party Notices

---

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
SnakeYAML.org,SnakeYAML,2.2,"SnakeYAML
```

```
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/
```

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed

as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## Third-Party Notices

---

END OF TERMS AND CONDITIONS"  
Spring,decimal,1.3.1,"  
The MIT License (MIT)

Copyright (c) 2015 Spring, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- Based on <https://github.com/oguzbilgic/fpd>, which has the following license:

""""""

The MIT License (MIT)

Copyright (c) 2013 Oguz Bilgic

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
 FITNESS  
 FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE  
 AUTHORS OR  
 COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,  
 WHETHER  
 IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN  
 CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  
 """"""

----- Top-Level License -----  
 -----

----- Copyright -----  
 -----

(no copyrights found)

"

**Steffen Beyer, Date::Calc, 6.4,**

"TOP-LEVEL copyright for Date-Calc

Copyright (c) 1995 - 2015 by Steffen Beyer. All rights reserved.

TOP-LEVEL license for Date-Calc

This package is free software; you can use, modify and redistribute it  
 under the same terms as Perl itself, i.e., at your option, under the terms  
 either of the "Artistic License" or the "GNU General Public License".

The C library at the core of the module "Date::Calc::XS" can, at your  
 discretion, also be used, modified and redistributed under the terms of  
 the "GNU Library General Public License".

Please refer to the files "Artistic.txt", "GNU\_GPL.txt" and  
 "GNU\_LGPL.txt" in the "license" subdirectory of this distribution for  
 any details!

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
 terms of either:

- a) the GNU General Public License as published by the Free Software  
 Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
 interpretation of the GNU General Public License is that no Perl script

## Third-Party Notices

---

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

## Third-Party Notices

---

- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- end of The Artistic License 1.0 ---

---

FOURTH-PARTY DEPENDENCY #1 Bit::Vector

== License Type

Perl & GNU LIBRARY GENERAL PUBLIC LICENSE Version 2

== Copyright Notices

Copyright (c) 1995 - 2013 by Steffen Beyer. All rights reserved.

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Carp::Clan

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2001 by Steffen Beyer, Joshua ben Jore.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 Storable

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

"

**Steffen Ullrich,Net::INET6Glue,0.604,**

"TOP-LEVEL copyright for Net::INET6Glue

This module and the modules in the Net::INET6Glue Hierarchy distributed together with this module are copyright (c) 2008..2014, Steffen Ullrich. All Rights Reserved. These modules are free software. They may be used, redistributed and/or modified under the same terms as Perl itself.

TOP-LEVEL license for Net::INET6Glue

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

## Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the

## Third-Party Notices

---

source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a

warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these

## Third-Party Notices

---

terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these

terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

## Third-Party Notices

---

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 IO::Socket::IP

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #2 IO::Socket

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

The atmark() implementation: Copyright 2001, Lincoln Stein  
<lstein@cshl.org>. This module is distributed under the same terms as Perl  
itself. Feel free to use, modify and redistribute it as long as you retain  
the correct attribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #3 File::Temp

== License Type  
Perl

== Copyright Notice  
This software is copyright (c) 2020 by Tim Jenness and the UK Particle  
Physics and Astronomy Research Council.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Exporter

---

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 parent

== License Type  
Perl

== Copyright Notices

## Third-Party Notices

---

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Pod::Escapes

== License Type

Perl

== Copyright Notices

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #16 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 Data::Dumper

## Third-Party Notices

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #18 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name "Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----  
FOURTH-PARTY DEPENDENCY #19 if

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #20 Carp-1.50-Carp::Heavy

== License Type  
Perl

== Copyright Notice  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #21 File::Path

== License Type  
Perl

== Copyright Notice  
This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren, James Keenan and Richard Elberger 1995-2020. All rights reserved.

-----separator-----  
FOURTH-PARTY DEPENDENCY #22 IO::Handle

== License Type

---

Perl

== Copyright Notice  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #23 IO::Seekable

== License Type  
Perl

== Copyright Notice  
No copyright info.

-----separator-----  
FOURTH-PARTY DEPENDENCY #24 constant

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #25 Socket

== License Type  
Perl

== Copyright Notices  
This module was originally maintained in Perl core by the Perl 5 Porters.  
It was extracted to dual-life on CPAN at version 1.95 by Paul Evans  
<leonerd@leonerd.org.uk>

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script

## Third-Party Notices

---

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

## Third-Party Notices

---

- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which

## Third-Party Notices

---

contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free

## Third-Party Notices

---

Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
```

```
"
```

```
Stephen Sugden,merge-stream,2.0.0,"
```

```
----- Copyright info for merge-stream -----
```

```
-----
```

```
The MIT License (MIT)
```

```
Copyright (c) Stephen Sugden <me@stephensugden.com> (stephensugden.com)
```

```
Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the "Software"), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
```

## Third-Party Notices

---

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

"

Steve Francia,cobra,1.6.1,"github.com/spf13/cobra

----- Copyrights

Copyright 2013-2022 The Cobra Authors

----- License

SPDX:Apache-2.0

----- Dependencies Grouped by License -----

----- Dependency

gopkg.in/yaml.v3

----- Copyrights

Copyright (c) 2011-2019 Canonical Ltd

Copyright (c) 2006-2010 Kirill Simonov

Copyright 2011-2016 Canonical Ltd.

copyright starting in 2011 when the project was ported over:

Copyright (c) 2006-2011 Kirill Simonov

----- Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Dependencies Summary

gopkg.in/yaml.v3

----- License used by Dependencies

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

SPDX:Apache-2.0

Unless required by applicable law or agreed to in writing, software

## Third-Party Notices

---

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/russross/blackfriday/v2
----- Copyrights
Copyright © 2011 Russ Ross <russ@russross.com>.
> Copyright © 2011 Russ Ross

----- Dependencies Summary
github.com/russross/blackfriday/v2

----- License used by Dependencies
SPDX:BSD-2-Clause
Redistribution and use in source and binary forms, with or
without modification, are permitted provided that the following conditions
are
met:

* Redistributions of source code must retain the above copyright notice,
this
  list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright
notice,
  this list of conditions and the following disclaimer in the
documentation
  and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED
AND
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
----- Dependencies Grouped by License -----
----- Dependency
github.com/spfl3/pflag
----- Copyrights
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.
```

Copyright 2010 The Go Authors. All rights reserved.  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.

----- Dependencies Summary

github.com/spfl3/pflag

----- License used by Dependencies

SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

\* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.

\* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Dependencies Grouped by License -----

----- Dependency

github.com/cpuguy83/go-md2man/v2

----- Copyrights

Copyright (c) 2014 Brian Goff

----- Dependencies Summary

github.com/cpuguy83/go-md2man/v2

----- License used by Dependencies

SPDX:MIT

Permission is hereby granted, free of charge, to any person  
obtaining a copy of this software and associated documentation files  
(the "Software"), to deal in the Software without restriction, including  
without

limitation the rights to use, copy, modify, merge, publish, distribute,  
sublicense, and/or sell copies of the Software, and to permit persons to  
whom

the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----Licenses  
SPDX:Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
 "Derivative Works" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain of, separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
 of  
 "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

Entity  
 "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s)

with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

"

**TJ Holowaychuk, cookie-parser, 1.4.6, "**

(The MIT License)

Copyright (c) 2014 TJ Holowaychuk &lt;tj@vision-media.ca&gt;

Copyright (c) 2015 Douglas Christopher Wilson &lt;doug@somethingdoug.com&gt;

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
cookie (MIT)  
-----  
-----

(The MIT License)

Copyright (c) 2012-2014 Roman Shtylman <shtylman@gmail.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
cookie-signature (MIT)  
-----  
-----

(The MIT License)

Copyright (c) 2012 LearnBoost <tj@learnboost.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----

"

**"TJ Holowaychuk, Roman Shtylman, Douglas Christopher Wilson", express, 4.18.2, "**

(The MIT License)

Copyright (c) 2009-2014 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2013-2014 Roman Shtylman <shtylman+expressjs@gmail.com>  
Copyright (c) 2014-2015 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----4th-party dependencies-----

accepts  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including

## Third-Party Notices

---

without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

mime-types  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

mime-db  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2015-2022 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

destroy

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jungleberry.com

Copyright (c) 2015-2022 Douglas Christopher Wilson doug@somethingdoug.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

ee-first

The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jungleberry.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

## Third-Party Notices

---

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

negotiator  
(The MIT License)

Copyright (c) 2012-2014 Federico Romero  
Copyright (c) 2012-2014 Isaac Z. Schlueter  
Copyright (c) 2014-2015 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

array-flatten  
The MIT License (MIT)

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

path-to-regexp  
The MIT License (MIT)

Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

body-parser  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>

## Third-Party Notices

---

Copyright (c) 2014-2015 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

type-is  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2014-2015 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

bytes  
(The MIT License)

Copyright (c) 2012-2014 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2015 Jed Watson <jed.watson@me.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

content-type  
(The MIT License)

Copyright (c) 2015 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

debug  
(The MIT License)

Copyright (c) 2014-2017 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2018-2021 Josh Junon

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction,

## Third-Party Notices

---

including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

ms  
The MIT License (MIT)

Copyright (c) 2022 Vercel, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

depd  
(The MIT License)

Copyright (c) 2014-2018 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to

permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

content-disposition  
(The MIT License)

Copyright (c) 2014-2017 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

forwarded  
(The MIT License)

Copyright (c) 2014-2017 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

vary  
(The MIT License)

Copyright (c) 2014-2017 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

http-errors  
The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong me@jongleberry.com  
Copyright (c) 2016 Douglas Christopher Wilson doug@somethingdoug.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

statuses  
The MIT License (MIT)

Copyright (c) 2014 Jonathan Ong <me@jungleberry.com>  
Copyright (c) 2016 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

inherits  
The ISC License

Copyright (c) 2011-2022 Isaac Z. Schlueter

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM

## Third-Party Notices

---

LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

setprototypeof  
Copyright (c) 2015, Wes Todd

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

toidentifier  
MIT License

Copyright (c) 2016 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

iconv-lite  
Copyright (c) 2011 Alexander Shtuchkin

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

safer-buffer  
MIT License

Copyright (c) 2018 Nikita Skovoroda <chalkerx@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

on-finished

## Third-Party Notices

---

(The MIT License)

Copyright (c) 2013 Jonathan Ong <me@jungleberry.com>

Copyright (c) 2014 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

qs

BSD 3-Clause License

Copyright (c) 2014, Nathan LaFreniere and other contributors All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING

NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

side-channel  
MIT License

Copyright (c) 2019 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

call-bind  
MIT License

Copyright (c) 2019 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

get-intrinsic  
MIT License

Copyright (c) 2019 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

has-symbols  
MIT License

Copyright (c) 2019 Jordan Harband

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

has  
MIT License  
Copyright (c) 2013 Thiago de Arruda

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

object-inspect  
MIT License

Copyright (c) 2013 James Halliday

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

## Third-Party Notices

---

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

function-bind  
Copyright (c) 2013 Raynos.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

raw-body  
The MIT License (MIT)

Copyright (c) 2013-2014 Jonathan Ong <me@jongleberry.com>

Copyright (c) 2014-2022 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

unpipe  
(The MIT License)

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

media-typer  
(The MIT License)

## Third-Party Notices

---

Copyright (c) 2014-2017 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

safe-buffer  
The MIT License (MIT)

Copyright (c) Feross Aboukhadijeh

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

cookie  
(The MIT License)

Copyright (c) 2012-2014 Roman Shtylman <shtylman@gmail.com>

Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

cookie-signature  
(The MIT License)

Copyright (c) 2012–2022 LearnBoost <tj@learnboost.com> and other contributors;

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

encodeurl  
(The MIT License)

Copyright (c) 2016 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including

## Third-Party Notices

---

without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

escape-html  
(The MIT License)

Copyright (c) 2012-2013 TJ Holowaychuk  
Copyright (c) 2015 Andreas Lubbe  
Copyright (c) 2015 Tiancheng "Timothy" Gu

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

etag  
(The MIT License)

Copyright (c) 2014-2016 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

proxy-addr  
(The MIT License)

Copyright (c) 2014-2016 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

finalhandler  
(The MIT License)

Copyright (c) 2014-2022 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND,

## Third-Party Notices

---

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

fresh  
(The MIT License)

Copyright (c) 2012 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2016-2017 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

merge-descriptors  
(The MIT License)

Copyright (c) 2013 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2015 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY

CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

methods  
(The MIT License)

Copyright (c) 2013-2014 TJ Holowaychuk <tj@vision-media.ca>  
Copyright (c) 2015-2016 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

parseurl  
(The MIT License)

Copyright (c) 2014 Jonathan Ong <me@jongleberry.com>  
Copyright (c) 2014-2017 Douglas Christopher Wilson  
<doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE

## Third-Party Notices

---

SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

ipaddr.js

Copyright (C) 2011-2017 whitequark <whitequark@whitequark.org>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

range-parser

(The MIT License)

Copyright (c) 2012-2014 TJ Holowaychuk <tj@vision-media.ca>

Copyright (c) 2015-2016 Douglas Christopher Wilson <doug@somethingdoug.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

send  
(The MIT License)

Copyright (c) 2012 TJ Holowaychuk  
Copyright (c) 2014-2022 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

serve-static  
(The MIT License)

Copyright (c) 2010 Sencha Inc.  
Copyright (c) 2011 LearnBoost  
Copyright (c) 2011 TJ Holowaychuk  
Copyright (c) 2014-2016 Douglas Christopher Wilson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

utils-merge

## Third-Party Notices

---

The MIT License (MIT)

Copyright (c) 2013-2017 Jared Hanson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

mime

The MIT License (MIT)

Copyright (c) 2010 Benjamin Thomas, Robert Kieffer

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Tencent, submariner, 0.14.6,**

"3081----- Top-Level License -----

-----  
SPDX:Apache-2.0

----- Copyright -----

-----  
Copyright (C) 2012-2019 Tencent. All Rights Reserved.  
Copyright 2017 The Kubernetes Authors.

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----

-----

== Dependency  
cloud.google.com/go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google, Inc. Package foo does bar.", 27, """},  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017, Google LLC  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC

## Third-Party Notices

---

Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020, Google LLC  
Copyright 2021 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/purell

== License Type  
3082Copyright (c) 2012, Martin Angers  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012, Martin Angers

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/urlesc

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright

---

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/backoff/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/hub

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/rpc2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-iptables

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type  
3084ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>

---

Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
github.com/emicklei/go-restful

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/emirpasic/gods

== License Type  
30853085Copyright (c) 2015, Emir Pasic  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,

## Third-Party Notices

---

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----  
AVL Tree:

Copyright (c) 2017 Benjamin Scher Purcell <benjapurcell@gmail.com>

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2015, Emir Pasic

Copyright (c) 2015, Emir Pasic. All rights reserved.

Copyright (c) 2017 Benjamin Scher Purcell <benjapurcell@gmail.com>

Copyright (c) 2017, Benjamin Scher Purcell. All rights reserved.

Copyright (c) 2021, Aryan Ahadinia. All rights reserved.

Copyright (c) 2021, Emir Pasic. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/evanphx/json-patch

== License Type

3086Copyright (c) 2014, Evan Phoenix

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/fsnotify/fsnotify

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2012-2019 fsnotify Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/stdr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/go-ping/ping

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Cameron Sparr and contributors.

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/groupcache

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

## Third-Party Notices

---

### == Copyright

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

github.com/google/gnostic

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

### == Dependency

github.com/google/go-cmp

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

github.com/google/gofuzz

### == License Type

SPDX:Apache-2.0

### == Copyright

---

Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/imdario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/josharian/native

== License Type  
SPDX:MIT

== Copyright  
Copyright 2020 Josh Bleecher Snyder

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/kelseyhightower/envconfig

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Kelsey Hightower  
Copyright (c) 2013 Kelsey Hightower. All rights reserved.  
Copyright (c) 2016 Kelsey Hightower and others. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/mailru/easyjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-colorable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency

---

github.com/matttn/go-isatty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <matttn.jp@gmail.com>

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/genetlink

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2017 Matt Layher

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/netlink

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2022 Matt Layher  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/mdlayher/socket

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2021 Matt Layher  
Copyright 2016 The Go Authors. All rights reserved. Use of this source

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
3095Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/nxadm/tail

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 99designs  
Copyright (c) 2013 ActiveState Software Inc. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2014 ActiveState  
Copyright (c) 2015 HPE Software Inc. All rights reserved.  
Copyright (c) 2019 FOSS contributors of <https://github.com/nxadm/tail>  
Copyright 2015 Hewlett Packard Enterprise Development LP

----- (separator) -----  
-----

== Dependency  
[github.com/onsi/ginkgo](https://github.com/onsi/ginkgo)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri  
Copyright (c) 2016 Yasuhiro Matsumoto  
Copyright (c) Yasuhiro MATSUMOTO <[mattn.jp@gmail.com](mailto:mattn.jp@gmail.com)>  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/onsi/gomega](https://github.com/onsi/gomega)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri

----- (separator) -----  
-----

== Dependency  
[github.com/ovn-org/libovsdb](https://github.com/ovn-org/libovsdb)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2019 eBay Inc.  
Copyright 2014-2015 Socketplane Inc.  
Copyright 2015-2018 Docker Inc.  
Copyright 2018-2019 eBay Inc.

== Notices  
libovsdb

Copyright 2014-2015 Socketplane Inc.  
Copyright 2015-2018 Docker Inc.

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the commit history.

Modifications Copyright 2018-2019 eBay Inc.

This software contains modifications developed by eBay Inc. and voluntary contributions

from other individuals in a fork maintained at  
<https://github.com/eBay/libovsdb>

For details on these contributions, please consult the git history.

----- (separator) -----  
-----

== Dependency

[github.com/ovn-org/ovn-kubernetes/go-controller](https://github.com/ovn-org/ovn-kubernetes/go-controller)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 The Kubernetes Authors.

Copyright 2015 The Kubernetes Authors.

Copyright 2016 The Kubernetes Authors.

Copyright 2018 The Kubernetes Authors.

Copyright 2019 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

[github.com/pkg/errors](https://github.com/pkg/errors)

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency

[github.com/pmezard/go-difflib](https://github.com/pmezard/go-difflib)

== License Type

3097Copyright (c) 2013, Patrick Mezard

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the

## Third-Party Notices

---

documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013, Patrick Mezard

----- (separator) -----  
-----

== Dependency

github.com/prometheus/client\_golang

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013, The Prometheus Authors

Copyright 2010 The Go Authors

Copyright 2012-2015 The Prometheus Authors

Copyright 2013 Matt T. Proud

Copyright 2013-2015 Blake Mizerany, Björn Rabenstein

Copyright 2014 The Prometheus Authors

Copyright 2015 The Prometheus Authors

Copyright 2016 The Prometheus Authors

Copyright 2017 The Prometheus Authors

Copyright 2018 The Prometheus Authors

Copyright 2019 The Prometheus Authors

Copyright 2020 The Prometheus Authors

Copyright 2021 The Prometheus Authors

Copyright 2022 The Prometheus Authors

== Notices

Prometheus instrumentation library for Go applications

Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

---

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language (golang).  
[https://github.com/matttpproud/golang\\_protobuf\\_extensions](https://github.com/matttpproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common](https://github.com/prometheus/common)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors

## Third-Party Notices

---

Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

### == Notices

Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[github.com/prometheus/procfs](https://github.com/prometheus/procfs)

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

### == Notices

procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[github.com/rs/zerolog](https://github.com/rs/zerolog)

### == License Type

SPDX:MIT

### == Copyright

Copyright (c) 2014, 2015, 2016 Carl Jackson ([carl@avtok.com](mailto:carl@avtok.com))

---

Copyright (c) 2017 Olivier Poitrey

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/stretchr/testify

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

----- (separator) -----  
-----

== Dependency  
github.com/submariner-io/admiral

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/submariner-io/shipyard

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 The Kubernetes Authors.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/vishvananda/netlink

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netns

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by

Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

## Third-Party Notices

---

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/oauth2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

## == Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/sys

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

## == Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/term

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any

entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.zx2c4.com/wireguard/wgctrl

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2017-2021 WireGuard LLC. All Rights Reserved.  
Copyright (C) 2018-2019 Matt Layher

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

---

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright
Copyright (c) 2018 The Go Authors. All rights reserved.
Copyright 2008 Google Inc. All rights reserved.
Copyright 2018 The Go Authors. All rights reserved.
Copyright 2018 The Go Authors. All rights reserved.",
Copyright 2019 The Go Authors. All rights reserved.
Copyright 2019 The Go Authors. All rights reserved.",
Copyright 2020 The Go Authors. All rights reserved.
Copyright 2021 The Go Authors. All rights reserved.
```

```
== Patents
Additional IP Rights Grant (Patents)
```

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

```
----- (separator) -----
-----
```

```
== Dependency
gopkg.in/inf.v0
```

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go
```

```
----- (separator) -----
-----
```

```
== Dependency
gopkg.in/tomb.v1
```

## Third-Party Notices

---

== License Type  
3110tomb - support for clean goroutine termination in Go.

Copyright (c) 2010-2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2010-2011 - Gustavo Niemeyer <gustavo@niemeyer.net>  
Copyright (c) 2011 - Gustavo Niemeyer <gustavo@niemeyer.net>

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

gopkg.in/yaml.v3

== License Type

31113111This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov

Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies  
of the Software, and to permit persons to whom the Software is furnished  
to do  
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/api

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
k8s.io/klog

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

---

k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/controller-runtime

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2018 The Kubernetes authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type  
31153115Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of

the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the `"License"`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

## Third-Party Notices

---

met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/mcs-api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.

Copyright 2019 The Kubernetes Authors.

Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/yaml

== License Type

31213121The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the

## Third-Party Notices

---

distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such

entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

## Third-Party Notices

---

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not

modify the License. You may add Your own attribution notices within  
Derivative  
Works that You distribute, alongside or as an addendum to the NOTICE text  
from  
the Work, provided that such additional attribution notices cannot be  
construed as modifying the License.

You may add Your own copyright statement to Your modifications and may  
provide  
additional or different license terms and conditions for use,  
reproduction, or  
distribution of Your modifications, or for any such Derivative Works as a  
whole, provided Your use, reproduction, and distribution of the Work  
otherwise  
complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any  
Contribution intentionally submitted for inclusion in the Work by You to  
the Licensor shall be under the terms and conditions of this License,  
without any additional terms or conditions. Notwithstanding the above,  
nothing herein shall supersede or modify the terms of any separate license  
agreement you may have executed with Licensor regarding such  
Contributions.

6. Trademarks. This License does not grant permission to use the trade  
names, trademarks, service marks, or product names of the Licensor, except  
as required for reasonable and customary use in describing the origin of  
the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to  
in writing, Licensor provides the Work (and each Contributor provides its  
Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF  
ANY KIND, either express or implied, including, without limitation, any  
warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or  
FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for  
determining the appropriateness of using or redistributing the Work and  
assume any risks associated with Your exercise of permissions under this  
License.

8. Limitation of Liability. In no event and under no legal theory, whether  
in tort (including negligence), contract, or otherwise, unless required by  
applicable law (such as deliberate and grossly negligent acts) or agreed  
to in writing, shall any Contributor be liable to You for damages,  
including any direct, indirect, special, incidental, or consequential  
damages of any character arising as a result of this License or out of the  
use or inability to use the Work (including but not limited to damages for  
loss of goodwill, work stoppage, computer failure or malfunction, or any  
and all other commercial damages or losses), even if such Contributor has  
been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the  
Work or Derivative Works thereof, You may choose to offer, and charge a  
fee for, acceptance of support, warranty, indemnity, or other liability  
obligations and/or rights consistent with this License. However, in  
accepting such obligations, You may act only on Your own behalf and on  
Your sole responsibility, not on behalf of any other Contributor, and only

## Third-Party Notices

---

if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----

## Third-Party Notices

---

== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

312831283128"

The Apache Software Foundation, HttpClient, 4.5.14, "Notice file:

Apache HttpClient

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

<http://www.apache.org/licenses/LICENSE-2.0>

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly

## Third-Party Notices

---

perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license

agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

=====  
 This project includes Public Suffix List copied from  
 <[https://publicsuffix.org/list/effective\\_tld\\_names.dat](https://publicsuffix.org/list/effective_tld_names.dat)>  
 licensed under the terms of the Mozilla Public License, v. 2.0

Full license text: <<http://mozilla.org/MPL/2.0/>>

Mozilla Public License Version 2.0

1. Definitions

-----

1.1. "Contributor"

## Third-Party Notices

---

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. **"Contributor Version"**

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. **"Contribution"**

means Covered Software of a particular Contributor.

1.4. **"Covered Software"**

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. **"Incompatible With Secondary Licenses"**

means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. **"Executable Form"**

means any form of the work other than Source Code Form.

1.7. **"Larger Work"**

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. **"License"**

means this document.

1.9. **"Licensable"**

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. **"Modifications"**

means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. **"Patent Claims"** of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having

---

made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

-----  
2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software;  
or

- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

-----

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of

the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

-----

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

\*\*\*\*\*

\* 6. Disclaimer of Warranty \*  
\* ----- \*  
\*

\* Covered Software is provided under this License on an "as is" \*  
\* basis, without warranty of any kind, either expressed, implied, or \*  
\* statutory, including, without limitation, warranties that the \*  
\* Covered Software is free of defects, merchantable, fit for a \*  
\* particular purpose or non-infringing. The entire risk as to the \*  
\* quality and performance of the Covered Software is with You. \*  
\* Should any Covered Software prove defective in any respect, You \*  
\* (not any Contributor) assume the cost of any necessary servicing, \*  
\* repair, or correction. This disclaimer of warranty constitutes an \*  
\* essential part of this License. No use of any Covered Software is \*  
\* authorized under this License except under this disclaimer. \*  
\*

\*\*\*\*\*

\*\*\*\*\*

\* 7. Limitation of Liability \*  
\* ----- \*  
\*

\* Under no circumstances and under no legal theory, whether tort \*  
\* (including negligence), contract, or otherwise, shall any \*  
\* Contributor, or anyone who distributes Covered Software as \*

\* permitted above, be liable to You for any direct, indirect, \*  
 \* special, incidental, or consequential damages of any character \*  
 \* including, without limitation, damages for lost profits, loss of \*  
 \* goodwill, work stoppage, computer failure or malfunction, or any \*  
 \* and all other commercial damages or losses, even if such party \*  
 \* shall have been informed of the possibility of such damages. This \*  
 \* limitation of liability shall not apply to liability for death or \*  
 \* personal injury resulting from such party's negligence to the \*  
 \* extent applicable law prohibits such limitation. Some \*  
 \* jurisdictions do not allow the exclusion or limitation of \*  
 \* incidental or consequential damages, so this exclusion and \*  
 \* limitation may not apply to You. \*  
 \* \*  
 \*\*\*\*\*

## 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

## 9. Miscellaneous

-----

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

## 10. Versions of the License

-----

### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a

## Third-Party Notices

---

modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

-----

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

#### Exhibit B - ""Incompatible With Secondary Licenses"" Notice

-----

This Source Code Form is ""Incompatible With Secondary Licenses"", as defined by the Mozilla Public License, v. 2.0.

-----4th party dependencies-----  
---

#### Apache HttpComponents Core

From the Notice File:

Apache HttpComponents Core  
Copyright 2005-2020 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

License File:

Apache License Version 2.0

#### Apache Commons Logging

From the Notice File:

Apache Commons Logging  
Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

License File:

Apache License Version 2.0

Apache Commons Codec

From the Notice File:

Apache Commons Codec  
Copyright 2002-2017 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java  
contains test data from <http://aspell.net/test/orig/batch0.tab>.  
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

=====  
=====

The content of package org.apache.commons.codec.language.bm has been translated

from the original php source code available at  
<http://stevemorse.org/phoneticinfo.htm>

with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

License File:

Apache License Version 2.0

"

**The Apache Software Foundation, Guacamole Server, 1.5.3,**

" ----- Top-level license -----

-----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

"Licensor" shall mean the copyright owner or entity authorized by  
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all  
other entities that control, are controlled by, or are under common  
control with that entity. For the purposes of this definition,  
"control" means (i) the power, direct or indirect, to cause the  
direction or management of such entity, whether by contract or  
otherwise, or (ii) ownership of fifty percent (50%) or more of the  
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity  
exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of,

---

publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Copyright notices -----  
--

Apache Guacamole  
Copyright 2020 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- Fourth-party information -----  
--

== NAME OF DEPENDENCY 1

cairo

== License Type

LGPL 2.1 or MPL 1.1

== Copyright Notices

\* Copyright © 2005 Keith Packard

\*

\* This library is free software; you can redistribute it and/or  
\* modify it either under the terms of the GNU Lesser General Public  
\* License version 2.1 as published by the Free Software Foundation  
\* (the "LGPL") or, at your option, under the terms of the Mozilla  
\* Public License Version 1.1 (the "MPL"). If you do not alter this  
\* notice, a recipient may use your version of this file under either  
\* the MPL or the LGPL.

\*

\* You should have received a copy of the LGPL along with this library  
\* in the file COPYING-LGPL-2.1; if not, write to the Free Software  
\* Foundation, Inc., 51 Franklin Street, Suite 500, Boston, MA 02110-1335,  
USA

\* You should have received a copy of the MPL along with this library  
\* in the file COPYING-MPL-1.1

\*

\* The contents of this file are subject to the Mozilla Public License

## Third-Party Notices

---

\* Version 1.1 (the "License"); you may not use this file except in  
\* compliance with the License. You may obtain a copy of the License at  
\* <http://www.mozilla.org/MPL/>  
\*

\* This software is distributed on an "AS IS" basis, WITHOUT WARRANTY  
\* OF ANY KIND, either express or implied. See the LGPL or the MPL for  
\* the specific language governing rights and limitations.  
\*

\* The Original Code is the cairo graphics library.  
\*

\* The Initial Developer of the Original Code is Keith Packard  
\*

\* Contributor(s):

\* Keith Packard <[keithp@keithp.com](mailto:keithp@keithp.com)>

----- (separator) -----  
--

== NAME OF DEPENDENCY 2

libjpeg-turbo

== License Type

BSD 3-clause

== Copyright Notices

libjpeg-turbo Licenses

=====

libjpeg-turbo is covered by three compatible BSD-style open source  
licenses:

- The IJG (Independent JPEG Group) License, which is listed in  
[README.ijg] (README.ijg)

This license applies to the libjpeg API library and associated programs  
(any code inherited from libjpeg, and any modifications to that code.)

- The Modified (3-clause) BSD License, which is listed below

This license covers the TurboJPEG API library and associated programs,  
as  
well as the build system.

- The [zlib License] (<https://opensource.org/licenses/Zlib>)

This license is a subset of the other two, and it covers the libjpeg-  
turbo  
SIMD extensions.

Complying with the libjpeg-turbo Licenses  
=====

This section provides a roll-up of the libjpeg-turbo licensing terms, to  
the  
best of our understanding.

1. If you are distributing a modified version of the libjpeg-turbo  
source,  
then:

1. You cannot alter or remove any existing copyright or license notices from the source.

```
**Origin**  
- Clause 1 of the IJG License  
- Clause 1 of the Modified BSD License  
- Clauses 1 and 3 of the zlib License
```

2. You must add your own copyright notice to the header of each source file you modified, so others can tell that you modified that file (if there is not an existing copyright header in that file, then you can simply add a notice stating that you modified the file.)

```
**Origin**  
- Clause 1 of the IJG License  
- Clause 2 of the zlib License
```

3. You must include the IJG README file, and you must not alter any of the copyright or license text in that file.

```
**Origin**  
- Clause 1 of the IJG License
```

2. If you are distributing only libjpeg-turbo binaries without the source, or if you are distributing an application that statically links with libjpeg-turbo, then:

1. Your product documentation must include a message stating:

```
This software is based in part on the work of the Independent JPEG  
Group.
```

```
**Origin**  
- Clause 2 of the IJG license
```

2. If your binary distribution includes or uses the TurboJPEG API, then your product documentation must include the text of the Modified BSD License (see below.)

```
**Origin**  
- Clause 2 of the Modified BSD License
```

3. You cannot use the name of the IJG or The libjpeg-turbo Project or the contributors thereof in advertising, publicity, etc.

```
**Origin**  
- IJG License
```

## Third-Party Notices

---

- Clause 3 of the Modified BSD License

4. The IJG and The libjpeg-turbo Project do not warrant libjpeg-turbo to be

free of defects, nor do we accept any liability for undesirable consequences resulting from your use of the software.

**\*\*Origin\*\***

- IJG License
- Modified BSD License
- zlib License

The Modified (3-clause) BSD License

=====

Copyright (C)2009-2022 D. R. Commander. All Rights Reserved.<br>

Copyright (C)2015 Viktor Szathmáry. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the libjpeg-turbo Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS",

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Why Three Licenses?

=====

The zlib License could have been used instead of the Modified (3-clause) BSD License, and since the IJG License effectively subsumes the distribution

conditions of the zlib License, this would have effectively placed libjpeg-turbo binary distributions under the IJG License. However, the IJG License specifically refers to the Independent JPEG Group and does not extend attribution and endorsement protections to other entities. Thus, it was desirable to choose a license that granted us the same protections for new code that were granted to the IJG for code derived from their software.

----- (separator) -----  
 --

== NAME OF DEPENDENCY 3

libpng

== License Type

PNG Reference Library License version 2

== Copyright Notices

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

=====

PNG Reference Library License version 2

-----

- \* Copyright (c) 1995-2022 The PNG Reference Library Authors.
- \* Copyright (c) 2018-2022 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- \* Copyright (c) 1996-1997 Andreas Dilger.
- \* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

-----

## Third-Party Notices

---

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux  
Eric S. Raymond  
Mans Rullgard  
Cosmin Truta  
Gilles Vollant  
James Yu  
Mandar Sahastrabuddhe  
Google Inc.  
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane  
Glenn Randers-Pehrson  
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler  
Kevin Bracey  
Sam Bushell  
Magnus Holmgren  
Greg Roelofs  
Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are  
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"  
is defined as the following set of individuals:

Andreas Dilger  
Dave Martindale  
Guy Eric Schalnat  
Paul Schmidt  
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing  
Authors and Group 42, Inc. disclaim all warranties, expressed or  
implied, including, without limitation, the warranties of  
merchantability and of fitness for any purpose. The Contributing  
Authors and Group 42, Inc. assume no liability for direct, indirect,  
incidental, special, exemplary, or consequential damages, which may  
result from the use of the PNG Reference Library, even if advised of  
the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this  
source code, or portions hereof, for any purpose, without fee, subject  
to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not  
be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any  
source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit,  
without fee, and encourage the use of this source code as a component  
to supporting the PNG file format in commercial products. If you use  
this source code in a product, acknowledgment is not required but would  
be appreciated.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 4
OSSP uuid
== License Type
MIT
== Copyright Notices
** OSSP uuid - Universally Unique Identifier
** Copyright (c) 2004-2008 Ralf S. Engelschall <rse@engelschall.com>
** Copyright (c) 2004-2008 The OSSP Project <http://www.ossproject.org/>
**
** This file is part of OSSP uuid, a library for the generation
** of UUIDs which can found at http://www.ossproject.org/pkg/lib/uuid/
**
** Permission to use, copy, modify, and distribute this software for
** any purpose with or without fee is hereby granted, provided that
** the above copyright notice and this permission notice appear in all
** copies.
```

## Third-Party Notices

---

```
**
** THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED
** WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
** MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
** IN NO EVENT SHALL THE AUTHORS AND COPYRIGHT HOLDERS AND THEIR
** CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
** SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
** LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
** USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
** ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
** OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
** OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
** SUCH DAMAGE.
```

----- (separator) -----

--

== NAME OF DEPENDENCY 5

freerdp

== License Type

Apache 2.0

== Copyright Notices

\* Copyright 2011 Marc-Andre Moreau <marcandre.moreau@gmail.com>

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* <http://www.apache.org/licenses/LICENSE-2.0>

\*

\* Unless required by applicable law or agreed to in writing, software  
\* distributed under the License is distributed on an "AS IS" BASIS,  
\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

----- (separator) -----

--

== NAME OF DEPENDENCY 6

libssh2

== License Type

BSD 3-clause

== Copyright Notices

/\* Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>

\* Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net>

\* Copyright (c) 2006-2007 The Written Word, Inc.

\* Copyright (c) 2007 Eli Fant <elifantu@mail.ru>

\* Copyright (c) 2009-2021 Daniel Stenberg

\* Copyright (C) 2008, 2009 Simon Josefsson

\* Copyright (c) 2000 Markus Friedl

\* Copyright (c) 2015 Microsoft Corp.

\* All rights reserved.

\*

\* Redistribution and use in source and binary forms,  
\* with or without modification, are permitted provided  
\* that the following conditions are met:

\*

\* Redistributions of source code must retain the above

```

*   copyright notice, this list of conditions and the
*   following disclaimer.
*
*   Redistributions in binary form must reproduce the above
*   copyright notice, this list of conditions and the following
*   disclaimer in the documentation and/or other materials
*   provided with the distribution.
*
*   Neither the name of the copyright holder nor the names
*   of any other contributors may be used to endorse or
*   promote products derived from this software without
*   specific prior written permission.
*
*   THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
*   CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
*   INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
*   OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
*   ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
*   CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
*   SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
*   BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
*   SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
*   INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
*   WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
*   NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
*   USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
*   OF SUCH DAMAGE.
*/

```

----- (separator) -----

```

--
== NAME OF DEPENDENCY 7
openssl
== License Type
OpenSSL License, Original SSLeay License
== Copyright Notices

```

```

LICENSE ISSUES
=====

```

```

The OpenSSL toolkit stays under a double license, i.e. both the
conditions of
the OpenSSL License and the original SSLeay license apply to the
toolkit.
See below for the actual license texts.

```

```

OpenSSL License
-----

```

```

/* =====
* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*

```

## Third-Party Notices

---

```
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be
used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
* nor may "OpenSSL" appear in their names without prior written
* permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
* acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/
```

Original SSLeay License

-----

```
/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
```

```
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
* must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the rouines from the
library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
* the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
```

## Third-Party Notices

---

```
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed.  i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 8
```

```
pango
```

```
== License Type
```

```
LGPL 2
```

```
== Copyright Notices
```

```
* Copyright (C) 1999 Red Hat Software
```

```
*
```

```
* This library is free software; you can redistribute it and/or
* modify it under the terms of the GNU Library General Public
* License as published by the Free Software Foundation; either
* version 2 of the License, or (at your option) any later version.
*
```

```
* This library is distributed in the hope that it will be useful,
* but WITHOUT ANY WARRANTY; without even the implied warranty of
* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.  See the GNU
* Library General Public License for more details.
*
```

```
* You should have received a copy of the GNU Library General Public
* License along with this library; if not, write to the
* Free Software Foundation, Inc., 59 Temple Place - Suite 330,
* Boston, MA 02111-1307, USA.
```

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 9
```

```
libgcrypt
```

```
== License Type
```

```
LGPL 2.1 or GPL 2
```

```
== Copyright Notices
```

```
Additional license notices for Libgcrypt.
```

```
-- org --
```

This file contains the copying permission notices for various files in the Libgcrypt distribution which are not covered by the GNU Lesser General Public License (LGPL) or the GNU General Public License (GPL).

These notices all require that a copy of the notice be included in the accompanying documentation and be distributed with binary distributions of the code, so be sure to include this file along with any binary distributions derived from the GNU C Library.

```
* BSD_3Clause
```

```
For files:
```

- cipher/sha256-avx-amd64.S
- cipher/sha256-avx2-bmi2-amd64.S
- cipher/sha256-ssse3-amd64.S
- cipher/sha512-avx-amd64.S
- cipher/sha512-avx2-bmi2-amd64.S

```
- cipher/sha512-ssse3-amd64.S
- cipher/sha512-ssse3-i386.c
```

```
#+begin_quote
```

```
Copyright (c) 2012, Intel Corporation
```

```
All rights reserved.
```

```
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:
```

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY INTEL CORPORATION ""AS IS"" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL INTEL CORPORATION OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
#+end_quote
```

```
For files:
```

```
- random/jitterentropy-base.c
- random/jitterentropy.h
- random/rndjent.c (plus common Libgcrypt copyright holders)
```

```
#+begin_quote
```

```
* Copyright Stephan Mueller <smueller@chronox.de>, 2013
```

```
*
```

```
* License
```

```
* =====
```

```
*
```

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
```

- \* 1. Redistributions of source code must retain the above copyright notice, and the entire permission notice in its entirety, including the disclaimer of warranties.
- \* 2. Redistributions in binary form must reproduce the above copyright

## Third-Party Notices

---

```
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. The name of the author may not be used to endorse or promote
* products derived from this software without specific prior
* written permission.
*
* ALTERNATIVELY, this product may be distributed under the terms of
* the GNU General Public License, in which case the provisions of the GPL
are
* required INSTEAD OF the above restrictions. (This clause is
* necessary due to a potential bad interaction between the GPL and
* the restrictions contained in a BSD-style copyright.)
*
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF
* WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT
* OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
* BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
* LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
* USE OF THIS SOFTWARE, EVEN IF NOT ADVISED OF THE POSSIBILITY OF SUCH
* DAMAGE.
#+end_quote
```

```
For files:
- cipher/cipher-gcm-ppc.c
```

```
#+begin_quote
Copyright (c) 2006, CRYPTOGAMS by <appro@openssl.org>
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain copyright notices, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the CRYPTOGAMS nor the names of its copyright holder and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

ALTERNATIVELY, provided that this notice is retained in full, this product may be distributed under the terms of the GNU General Public License (GPL), in which case the provisions of the GPL apply INSTEAD OF those given above.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

#+end\_quote

\* X License

For files:  
- install.sh

#+begin\_quote

Copyright (C) 1994 X Consortium

Permission is hereby granted, free of charge, to any person obtaining a  
copy

of this software and associated documentation files (the "Software"),  
to

deal in the Software without restriction, including without limitation  
the

rights to use, copy, modify, merge, publish, distribute, sublicense,  
and/or

sell copies of the Software, and to permit persons to whom the Software  
is

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included  
in

all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE

X CONSORTIUM BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,  
WHETHER IN

AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN  
CONNEC-

TION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the X Consortium shall  
not

be used in advertising or otherwise to promote the sale, use or other  
deal-

ings in this Software without prior written authorization from the X  
Conso-

tium.

#+end\_quote

\* Public domain

For files:

- cipher/arcfour-amd64.S

#+begin\_quote

Author: Marc Bevand <bevand\_m (at) epita.fr>

Licence: I hereby disclaim the copyright on this code and place it in the public domain.

#+end\_quote

\* OCB license 1

For files:

- cipher/cipher-ocb.c

#+begin\_quote

OCB is covered by several patents but may be used freely by most software. See <http://web.cs.ucdavis.edu/~rogaway/ocb/license.htm> .

In particular license 1 is suitable for Libgcrypt: See <http://web.cs.ucdavis.edu/~rogaway/ocb/license1.pdf> for the full license document; it basically says:

License 1 ó License for Open-Source Software Implementations of OCB  
(Jan 9, 2013)

Under this license, you are authorized to make, use, and distribute open-source software implementations of OCB. This license terminates for you if you sue someone over their open-source software implementation of OCB claiming that you have a patent covering their implementation.

License for Open Source Software Implementations of OCB  
January 9, 2013

### 1 Definitions

1.1 *licensor* means Phillip Rogaway.

1.2 *licensed patents* means any patent that claims priority to United States Patent Application No. 09/918,615 entitled *Method and Apparatus for Facilitating Efficient Authenticated Encryption*, and any utility, divisional, provisional, continuation, continuations-in-part, reexamination, reissue, or foreign counterpart patents that may issue with respect to the aforesaid patent application. This includes, but is not limited to, United States Patent No. 7,046,802; United States Patent No. 7,200,227; United States Patent No. 7,949,129; United States Patent No. 8,321,675 ; and any patent that issues out of United States Patent Application No. 13/669,114.

1.3 "Use" means any practice of any invention claimed in the Licensed Patents.

1.4 "Software Implementation" means any practice of any invention claimed in the Licensed Patents that takes the form of software executing on a user-programmable, general-purpose computer or that takes the form of a computer-readable medium storing such software. Software Implementation does not include, for example, application-specific integrated circuits (ASICs), field-programmable gate arrays (FPGAs), embedded systems, or IP cores.

1.5 "Open Source Software" means software whose source code is published and made available for inspection and use by anyone because either (a) the source code is subject to a license that permits recipients to copy, modify, and distribute the source code without payment of fees or royalties, or (b) the source code is in the public domain, including code released for public use through a CC0 waiver. All licenses certified by the Open Source Initiative at [opensource.org](http://opensource.org) as of January 9, 2013 and all Creative Commons licenses identified on the [creativecommons.org](http://creativecommons.org) website as of January 9, 2013, including the Public License Fallback of the CC0 waiver, satisfy these requirements for the purposes of this license.

1.6 "Open Source Software Implementation" means a Software Implementation in which the software implicating the Licensed Patents is Open Source Software. Open Source Software Implementation does not include any Software Implementation in which the software implicating the Licensed Patents is combined, so as to form a larger program, with software that is not Open Source Software.

## 2 License Grant

2.1 License. Subject to your compliance with the terms of this license, including the restriction set forth in Section 2.2, Licensor hereby grants to you a perpetual, worldwide, non-exclusive, non-transferable, non-sublicensable, no-charge, royalty-free, irrevocable license to practice any invention claimed in the Licensed Patents in any Open Source Software Implementation.

2.2 Restriction. If you or your affiliates institute patent litigation (including, but not limited to, a cross-claim or counterclaim in a lawsuit) against any entity alleging that any Use authorized by this license infringes another patent, then any rights granted to you under this license automatically terminate as of the date such litigation is filed.

3 Disclaimer

YOUR USE OF THE LICENSED PATENTS IS AT YOUR OWN RISK AND UNLESS REQUIRED BY APPLICABLE LAW, LICENSOR MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE LICENSED PATENTS OR ANY PRODUCT EMBODYING ANY LICENSED PATENT, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL LICENSOR BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM OR RELATED TO ANY USE OF THE LICENSED PATENTS, INCLUDING, WITHOUT LIMITATION, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES PRIOR TO SUCH AN OCCURRENCE.

#+end\_quote

----- (separator) -----

--

== LICENSES

.

== Text of license (LGPL 2.1)

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Suite 500, Boston, MA 02110-1335, USA  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of

it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain

special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of

this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least

three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the

Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version,

but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most

effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Suite 500, Boston, MA 02110-1335, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

== Text of license (MPL 1.1)

MOZILLA PUBLIC LICENSE  
Version 1.1

-----

## 1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications

made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the

appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. Source Code License.

### 2.1. The Initial Developer Grant.

The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

### 2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions

of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

### 3. Distribution Obligations.

#### 3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

#### 3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

#### 3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that

the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

### 3.4. Intellectual Property Matters

#### (a) Third Party Claims.

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled ""LEGAL"" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

#### (b) Contributor APIs.

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

#### (c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

### 3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability

obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

### 3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for

the

Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

### 3.7. Larger Works.

You may create a Larger Work by combining Covered Code with other code

not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

## 4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Application of this License.

This License applies to code to which the Initial Developer has

attached the notice in Exhibit A and to related Covered Code.

## 6. Versions of the License.

### 6.1. New Versions.

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

### 6.2. Effect of New Versions.

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

### 6.3. Derivative Works.

If You create or use a modified version of this License (which you only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

## 7. DISCLAIMER OF WARRANTY.

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER

OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

## 8. TERMINATION.

8.1. This License and the rights granted hereunder will terminate

## Third-Party Notices

---

automatically if You fail to comply with terms herein and fail to cure

such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as ""Participant"") alleging that:

(a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

(b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

## 9. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS.

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such

## Third-Party Notices

---

responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

### 13. MULTIPLE-LICENSED CODE.

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the NPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

### EXHIBIT A -Mozilla Public License.

``The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is \_\_\_\_\_.

The Initial Developer of the Original Code is \_\_\_\_\_.

Portions created by \_\_\_\_\_ are Copyright (C) \_\_\_\_\_  
\_\_\_\_\_. All Rights Reserved.

Contributor(s): \_\_\_\_\_.

Alternatively, the contents of this file may be used under the terms of the \_\_\_\_\_ license (the "[\_\_] License"), in which case the provisions of [\_\_\_\_\_] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [\_\_] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [\_\_] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [\_\_] License."

[NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.]

== Text of license (LGPL 2)

GNU LIBRARY GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.  
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

---

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

### GNU LIBRARY GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs

(which use some of those functions and data) to form executables.

The `"Library"`, below, refers to any such software library or work which has been distributed under these terms. A `"work based on the Library"` means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term `"modification"`.)

`"Source code"` for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of

its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the

---

source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that

uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies,

or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add

## Third-Party Notices

---

an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307 USA.

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!  
== Text of license (GPL 2)

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed

under the terms of this General Public License. The ""Program"", below, refers to any such program or work, and a ""work based on the Program"" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term ""modification".) Each licensee is addressed as ""you"".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you

distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;  
or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program

except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

## How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) <year> <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307
USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

## Third-Party Notices

---

Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

This General Public License does not permit incorporating your program  
into  
proprietary programs. If your program is a subroutine library, you may  
consider it more useful to permit linking proprietary applications with  
the  
library. If this is what you want to do, use the GNU Library General  
Public License instead of this License."

**The Apache Software Foundation, Pulsar, 3.1.1,**

" ----- Top-level license -----  
-----

### TOP LEVEL LICENSE

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

""Licensor"" shall mean the copyright owner or entity authorized by  
the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all  
other entities that control, are controlled by, or are under common  
control with that entity. For the purposes of this definition,  
""control"" means (i) the power, direct or indirect, to cause the  
direction or management of such entity, whether by contract or  
otherwise, or (ii) ownership of fifty percent (50%) or more of the  
outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity  
exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making  
modifications,  
including but not limited to software source code, documentation  
source, and configuration files.

""Object"" form shall mean any form resulting from mechanical  
transformation or translation of a Source form, including but  
not limited to compiled object code, generated documentation,  
and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or

Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
 "Derivative Works" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
 of  
 "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

Entity  
 "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

## Third-Party Notices

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

----- Copyright notices -----

--

Apache Pulsar  
Copyright 2017-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- Fourth-party information -----

--

FOURTH-PARTY DEPENDENCY #01 NAME : com.auth0-java-jwt

== License Type  
MIT

== Copyright Notices  
Copyright (c) 2015 Auth0, Inc. <support@auth0.com> (<http://auth0.com>)

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #02 NAME : com.auth0-jwks-rsa

== License Type  
MIT

== Copyright Notices  
Copyright (c) 2016 Auth0, Inc. <support@auth0.com> (<http://auth0.com>)

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #03 NAME : com.beust-jcommander

== License Type  
Apache 2.0  
== Copyright Notices  
Copyright 2010 Cedric Beust [cedric@beust.com](mailto:cedric@beust.com)

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #04 NAME : com.carrotsearch-hppc

== License Type  
Apache 2.0  
== Copyright Notices

NOTICE

## ACKNOWLEDGEMENT

=====

HPPC borrowed code, ideas or both from:

- \* Apache Lucene, <http://lucene.apache.org/>  
(Apache license)
- \* Fastutil, <http://fastutil.di.unimi.it/>  
(Apache license)
- \* Koloboke, <https://github.com/OpenHFT/Koloboke>  
(Apache license)

## Copyright

```
/*
 * HPPC
 *
 * Copyright (C) 2010-2022 Carrot Search s.c.
 * All rights reserved.
 *
 * Refer to the full license file ""LICENSE.txt"":
 * https://github.com/carrotsearch/hppc/blob/master/LICENSE.txt
 */
```

----- (separator) -----

--

```
FOURTH-PARTY DEPENDENCY #05 NAME : com.fasterxml.jackson.core-jackson-
annotations
FOURTH-PARTY DEPENDENCY #06 NAME : com.fasterxml.jackson.core-jackson-core
FOURTH-PARTY DEPENDENCY #07 NAME : com.fasterxml.jackson.core-jackson-
databind
FOURTH-PARTY DEPENDENCY #08 NAME : com.fasterxml.jackson.dataformat-
jackson-dataformat-yaml
FOURTH-PARTY DEPENDENCY #09 NAME : com.fasterxml.jackson.datatype-jackson-
datatype-jdk8
FOURTH-PARTY DEPENDENCY #10 NAME : com.fasterxml.jackson.datatype-jackson-
datatype-jsr310
FOURTH-PARTY DEPENDENCY #11 NAME : com.fasterxml.jackson.jaxrs-jackson-
jaxrs-base
FOURTH-PARTY DEPENDENCY #12 NAME : com.fasterxml.jackson.jaxrs-jackson-
jaxrs-json-provider
FOURTH-PARTY DEPENDENCY #13 NAME : com.fasterxml.jackson.module-jackson-
module-jaxb-annotations
FOURTH-PARTY DEPENDENCY #14 NAME : com.fasterxml.jackson.module-jackson-
module-jsonSchema
FOURTH-PARTY DEPENDENCY #15 NAME : com.fasterxml.jackson.module-jackson-
module-parameter-names
== License Type
Apache 2.0
== Copyright Notices
/* Jackson JSON-processor.
 *
 * Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi
 */
```

# Jackson JSON processor

## Third-Party Notices

---

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

### ## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

### ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #16 NAME : com.github.ben-manes.caffeine-caffeine  
== License Type

Apache 2.0

== Copyright Notices

Copyright 2014 Ben Manes. All Rights Reserved.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #17 NAME : com.github.oshi-oshi-core-javall  
== License Type

MIT

== Copyright Notices

Copyright (c) 2010-2022 The OSHI Project Contributors:

<https://github.com/oshi/oshi/graphs/contributors>

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #18 NAME : com.github.seancfoley-ipaddress  
== License Type

Apache 2.0

== Copyright Notices

Copyright 2016-2018 Sean C Foley

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #19 NAME : com.github.zafarkhaja-java-semver  
== License Type

MIT

== Copyright Notices

Copyright 2012-2014 Zafar Khaja <zafarkhaja@gmail.com>.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #20 NAME : com.google.api.grpc-proto-google-common-protos

---

```
== License Type
Apache 2.0
== Copyright Notices
Copyright 2020 Google LLC
```

```
----- (separator) -----
```

```
--
FOURTH-PARTY DEPENDENCY #21 NAME : com.google.auth-google-auth-library-
credentials
FOURTH-PARTY DEPENDENCY #22 NAME : com.google.auth-google-auth-library-
oauth2-http
```

```
== License Type
BSD 3-Clause
== Copyright Notices
Copyright 2015, Google Inc. All rights reserved.
```

```
----- (separator) -----
```

```
--
FOURTH-PARTY DEPENDENCY #23 NAME : com.google.auto.value-auto-value-
annotations
```

```
== License Type
Apache 2.0
== Copyright Notices
Copyright 2014 Google LLC
```

```
----- (separator) -----
```

```
--
FOURTH-PARTY DEPENDENCY #24 NAME : com.google.code.findbugs-jsr305
```

```
== License Type
BSD 2-clause
== Copyright Notices
The JSR-305 reference implementation (lib/jsr305.jar) is
distributed under the terms of the New BSD license:
```

```
    http://www.opensource.org/licenses/bsd-license.php
```

```
See the JSR-305 home page for more information:
```

```
    http://code.google.com/p/jsr-305/
```

```
----- (separator) -----
```

```
--
FOURTH-PARTY DEPENDENCY #25 NAME : com.google.code.gson-gson
```

```
== License Type
Apache 2.0
== Copyright Notices
Copyright 2008 Google Inc.
```

```
----- (separator) -----
```

```
--
FOURTH-PARTY DEPENDENCY #26 NAME : com.google.errorprone-
error_prone_annotations
```

```
== License Type
Apache 2.0
== Copyright Notices
Copyright 2017 The Error Prone Authors.
```

## Third-Party Notices

---

```
----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #27 NAME : com.google.guava-failureaccess
FOURTH-PARTY DEPENDENCY #28 NAME : com.google.guava-guava
FOURTH-PARTY DEPENDENCY #29 NAME : com.google.guava-listenablefuture-
9999.0-empty-to-avoid-conflict-with-guava.jar
== License Type
Apache 2.0
== Copyright Notices
Copyright (C) 2010 The Guava Authors

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #30 NAME : com.google.http-client-google-http-
client
FOURTH-PARTY DEPENDENCY #31 NAME : com.google.http-client-google-http-
client-gson
== License Type
Apache 2.0
== Copyright Notices
Copyright (c) 2011 Google Inc.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #32 NAME : com.google.j2objc-j2objc-annotations
== License Type
Apache 2.0
== Copyright Notices
Copyright 2012 Google Inc. All Rights Reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #33 NAME : com.google.protobuf-protobuf-java
FOURTH-PARTY DEPENDENCY #34 NAME : com.google.protobuf-protobuf-java-util
== License Type
BSD 3-clause
== Copyright Notices
Copyright 2008 Google Inc. All rights reserved.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #35 NAME : com.google.re2j-re2j
== License Type
BSD 3-clause
== Copyright Notices
This is a work derived from Russ Cox's RE2 in Go, whose license
http://golang.org/LICENSE is as follows:

Copyright (c) 2009 The Go Authors. All rights reserved.

----- (separator) -----
--
== NAME OF DEPENDENCY 36: com.rabbitmq-amqp-client
== License Type
Apache 2.0, Mozilla Public License 1.1, GPL 2
```

== Copyright Notices

```
// Copyright (c) 2007-Present Pivotal Software, Inc. All rights reserved.
//
// This software, the RabbitMQ Java client library, is triple-licensed
under the
// Mozilla Public License 1.1 ("MPL"), the GNU General Public License
version 2
// ("GPL") and the Apache License version 2 ("ASL"). For the MPL,
please see
// LICENSE-MPL-RabbitMQ. For the GPL, please see LICENSE-GPL2. For the
ASL,
// please see LICENSE-APACHE2.
//
// This software is distributed on an "AS IS" basis, WITHOUT WARRANTY OF
ANY KIND,
// either express or implied. See the LICENSE file for specific language
governing
// rights and limitations of this software.
//
// If you have any questions regarding licensing, please contact us at
// info@rabbitmq.com.
```

----- (separator) -----

```
--
FOURTH-PARTY DEPENDENCY #37 NAME : com.squareup.okhttp3-logging-
interceptor
FOURTH-PARTY DEPENDENCY #38 NAME : com.squareup.okhttp3-okhttp
FOURTH-PARTY DEPENDENCY #39 NAME : com.squareup.okio-okio
FOURTH-PARTY DEPENDENCY #40 NAME : com.squareup.okio-okio-jvm
== License Type
Apache 2.0
== Copyright Notices
Copyright (C) 2019 Square, Inc.
```

----- (separator) -----

```
--
FOURTH-PARTY DEPENDENCY #41 NAME : com.sun.activation-javax.activation
== License Type
CDDL 1.1
== Copyright Notices
* Copyright (c) 2017-2017 Oracle and/or its affiliates. All rights
reserved.
*
* The contents of this file are subject to the terms of either the GNU
* General Public License Version 2 only ("GPL") or the Common
Development
* and Distribution License("CDDL") (collectively, the "License").
You
* may not use this file except in compliance with the License. You can
* obtain a copy of the License at
* https://oss.oracle.com/licenses/CDDL+GPL-1.1
* or LICENSE.txt. See the License for the specific
* language governing permissions and limitations under the License.
*
```

## Third-Party Notices

---

```
* When distributing the software, include this License Header Notice in
each
* file and include the License file at LICENSE.txt.
*
* GPL Classpath Exception:
* Oracle designates this particular file as subject to the "Classpath"
* exception as provided by Oracle in the GPL Version 2 section of the
License
* file that accompanied this code.
*
* Modifications:
* If applicable, add the following below the License Header, with the
fields
* enclosed by brackets [] replaced by your own identifying information:
* "Portions Copyright [year] [name of copyright owner]"
*
* Contributor(s):
* If you wish your version of this file to be governed by only the CDDL
or
* only the GPL Version 2, indicate your decision by adding
"[Contributor]
* elects to include this software in this distribution under the [CDDL or
GPL
* Version 2] license." If you don't indicate a single choice of
license, a
* recipient has the option to distribute your version of this file under
* either the CDDL, the GPL Version 2 or to extend the choice of license
to
* its licensees as provided above. However, if you add GPL Version 2
code
* and therefore, elected the GPL Version 2 license, then the option
applies
* only if the new code is made subject to such option by the copyright
* holder.
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #42 NAME : com.typesafe.netty-netty-reactive-
streams
== License Type
Apache 2.0
== Copyright Notices
none
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #43 NAME : com.yahoo.datasketches-memory
FOURTH-PARTY DEPENDENCY #44 NAME : com.yahoo.datasketches-sketches-core
== License Type
Apache 2.0
== Copyright Notices
Apache DataSketches Java
Copyright 2022 The Apache Software Foundation
```

```
Copyright 2015-2018 Yahoo Inc.
```

Copyright 2019-2020 Verizon Media  
Copyright 2021 Yahoo Inc.

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

Prior to moving to ASF, the software for this project was developed at  
Yahoo Inc. (<https://developer.yahoo.com>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #45 NAME : commons-cli-commons-cli  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright 2002-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #46 NAME : commons-codec-commons-codec  
== License Type  
Apache 2.0  
== Copyright Notices  
Apache Commons Codec  
Copyright 2002-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java  
contains test data from <http://aspell.net/test/orig/batch0.tab>.  
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

=====  
=====

The content of package org.apache.commons.codec.language.bm has been  
translated

from the original php source code available at  
<http://stevemorse.org/phoneticinfo.htm>  
with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Footer

© 2022 GitHub, Inc.

Footer navigation

Terms

Privacy

Security

Sta

----- (separator) -----  
--

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #47 NAME : commons-configuration-commons-configuration

== License Type

Apache 2.0

== Copyright Notices

Apache Commons Configuration

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #48 NAME : commons-io-commons-io

== License Type

Apache 2.0

== Copyright Notices

Apache Commons IO

Copyright 2002-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #49 NAME : commons-lang-commons-lang

== License Type

Apache 2.0

== Copyright Notices

Apache Commons Lang

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #50 NAME : commons-logging-commons-logging

== License Type

Apache 2.0

== Copyright Notices

Apache Commons Logging

Copyright 2003-2016 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #51 NAME : io.airlift-aircompressor

== License Type

Apache 2.0

== Copyright Notices

Snappy Copyright Notices

Copyright 2011 Dain Sundstrom [dain@iq80.com](mailto:dain@iq80.com)

Copyright 2011, Google Inc. [opensource@google.com](mailto:opensource@google.com)  
 Snappy License  
 Copyright 2011, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. \*  
 Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #52 NAME : io.dropwizard.metrics-metrics-core  
 FOURTH-PARTY DEPENDENCY #53 NAME : io.dropwizard.metrics-metrics-graphite  
 FOURTH-PARTY DEPENDENCY #54 NAME : io.dropwizard.metrics-metrics-jvm  
 FOURTH-PARTY DEPENDENCY #55 NAME : io.dropwizard.metrics-metrics-jmx  
 == License Type  
 Apache 2.0  
 == Copyright Notices  
 Copyright (c) 2010-2013 Coda Hale, Yammer.com, 2014-2021 Dropwizard Team

Published under Apache Software License 2.0, see LICENSE

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #56 NAME : io.etcd-jetcd-api  
 FOURTH-PARTY DEPENDENCY #57 NAME : io.etcd-jetcd-common  
 FOURTH-PARTY DEPENDENCY #58 NAME : io.etcd-jetcd-core  
 FOURTH-PARTY DEPENDENCY #59 NAME : io.etcd-jetcd-grpc  
 == License Type  
 Apache 2.0  
 == Copyright Notices

CoreOS Project  
 Copyright 2018 CoreOS, Inc

## Third-Party Notices

---

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #60 NAME : io.grpc-grpc-all
FOURTH-PARTY DEPENDENCY #61 NAME : io.grpc-grpc-alts
FOURTH-PARTY DEPENDENCY #62 NAME : io.grpc-grpc-api
FOURTH-PARTY DEPENDENCY #63 NAME : io.grpc-grpc-auth
FOURTH-PARTY DEPENDENCY #64 NAME : io.grpc-grpc-context
FOURTH-PARTY DEPENDENCY #65 NAME : io.grpc-grpc-core
FOURTH-PARTY DEPENDENCY #66 NAME : io.grpc-grpc-grpclb
FOURTH-PARTY DEPENDENCY #67 NAME : io.grpc-grpc-netty
FOURTH-PARTY DEPENDENCY #68 NAME : io.grpc-grpc-netty-shaded
FOURTH-PARTY DEPENDENCY #69 NAME : io.grpc-grpc-protobuf
FOURTH-PARTY DEPENDENCY #70 NAME : io.grpc-grpc-protobuf-lite
FOURTH-PARTY DEPENDENCY #71 NAME : io.grpc-grpc-rls
FOURTH-PARTY DEPENDENCY #72 NAME : io.grpc-grpc-services
FOURTH-PARTY DEPENDENCY #73 NAME : io.grpc-grpc-stub
FOURTH-PARTY DEPENDENCY #74 NAME : io.grpc-grpc-servlet
FOURTH-PARTY DEPENDENCY #75 NAME : io.grpc-grpc-servlet-jakarta
FOURTH-PARTY DEPENDENCY #76 NAME : io.grpc-grpc-xds
```

== License Type

Apache 2.0

== Copyright Notices

Copyright 2014 The gRPC Authors

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

-----  
This product contains a modified portion of 'OkHttp', an open source  
HTTP & SPDY client for Android and Java applications, which can be  
obtained  
at:

- \* LICENSE:
  - \* [okhttp/third\\_party/okhttp/LICENSE](http://okhttp/third_party/okhttp/LICENSE) (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/square/okhttp>
- \* LOCATION\_IN\_GRPC:
  - \* [okhttp/third\\_party/okhttp](http://okhttp/third_party/okhttp)

This product contains a modified portion of 'Envoy', an open source  
cloud-native high-performance edge/middle/service proxy, which can be  
obtained at:

```

* LICENSE:
  * xds/third_party/envoy/LICENSE (Apache License 2.0)
* NOTICE:
  * xds/third_party/envoy/NOTICE
* HOMEPAGE:
  * https://www.envoyproxy.io
* LOCATION_IN_GRPC:
  * xds/third_party/envoy

```

This product contains a modified portion of 'protoc-gen-validate (PGV)', an open source protoc plugin to generate polyglot message validators, which can be obtained at:

```

* LICENSE:
  * xds/third_party/protoc-gen-validate/LICENSE (Apache License 2.0)
* NOTICE:
  * xds/third_party/protoc-gen-validate/NOTICE
* HOMEPAGE:
  * https://github.com/envoyproxy/protoc-gen-validate
* LOCATION_IN_GRPC:
  * xds/third_party/protoc-gen-validate

```

This product contains a modified portion of 'udpa', an open source universal data plane API, which can be obtained at:

```

* LICENSE:
  * xds/third_party/udpa/LICENSE (Apache License 2.0)
* HOMEPAGE:
  * https://github.com/cncf/udpa
* LOCATION_IN_GRPC:
  * xds/third_party/udpa

```

----- (separator) -----

--

```

FOURTH-PARTY DEPENDENCY #77 NAME : io.gsonfire-gson-fire
== License Type
Apache 2.0
== Copyright Notices
Copyright 2015 Julio Viera

```

----- (separator) -----

--

```

FOURTH-PARTY DEPENDENCY #78 NAME : io.jsonwebtoken-jjwt-api
FOURTH-PARTY DEPENDENCY #79 NAME : io.jsonwebtoken-jjwt-impl
FOURTH-PARTY DEPENDENCY #80 NAME : io.jsonwebtoken-jjwt-jackson
== License Type
Apache 2.0
== Copyright Notice
Base64 implementation
JJWT's io.jsonwebtoken.io.Base64 implementation is based on MigBase64 with
continued modifications for Base64 URL support and additional test cases.
The MigBase64 copyright and license notice have been retained and are
repeated here per that code's requirements:

```

Licence (BSD):

## Third-Party Notices

---

=====

Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 @ miginfocom . com)  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:  
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  
Neither the name of the MiG InfoCom AB nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.  
IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #81 NAME : io.kubernetes-client-java  
FOURTH-PARTY DEPENDENCY #82 NAME : io.kubernetes-client-java-api  
FOURTH-PARTY DEPENDENCY #83 NAME : io.kubernetes-client-java-proto  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright 2020 The Kubernetes Authors.  
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at  
<http://www.apache.org/licenses/LICENSE-2.0>  
Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----

--

```
FOURTH-PARTY DEPENDENCY #84 NAME : io.netty-netty-buffer
FOURTH-PARTY DEPENDENCY #85 NAME : io.netty-netty-codec
FOURTH-PARTY DEPENDENCY #86 NAME : io.netty-netty-codec-dns
FOURTH-PARTY DEPENDENCY #87 NAME : io.netty-netty-codec-haproxy
FOURTH-PARTY DEPENDENCY #88 NAME : io.netty-netty-codec-http2
FOURTH-PARTY DEPENDENCY #89 NAME : io.netty-netty-codec-http
FOURTH-PARTY DEPENDENCY #90 NAME : io.netty-netty-codec-socks
FOURTH-PARTY DEPENDENCY #91 NAME : io.netty-netty-common
FOURTH-PARTY DEPENDENCY #92 NAME : io.netty-netty-handler
FOURTH-PARTY DEPENDENCY #93 NAME : io.netty-netty-handler-proxy
FOURTH-PARTY DEPENDENCY #94 NAME : io.netty-netty-resolver
FOURTH-PARTY DEPENDENCY #95 NAME : io.netty-netty-resolver-dns
FOURTH-PARTY DEPENDENCY #96 NAME : io.netty-netty-resolver-dns-classes-
macos
FOURTH-PARTY DEPENDENCY #97 NAME : io.netty-netty-resolver-dns-native-
macos-osx-aarch_64
FOURTH-PARTY DEPENDENCY #98 NAME : io.netty-netty-resolver-dns-native-
macos-osx-x86_64
FOURTH-PARTY DEPENDENCY #99 NAME : io.netty-netty-transport
FOURTH-PARTY DEPENDENCY #100 NAME : io.netty-netty-transport-classes-epoll
FOURTH-PARTY DEPENDENCY #101 NAME : io.netty-netty-transport-native-epoll-
linux-x86_64
FOURTH-PARTY DEPENDENCY #102 NAME : io.netty-netty-transport-native-epoll
FOURTH-PARTY DEPENDENCY #103 NAME : io.netty-netty-transport-native-unix-
common-linux-x86_64
FOURTH-PARTY DEPENDENCY #104 NAME : io.netty-netty-transport-native-unix-
common
```

== License Type

Apache 2.0

== Copyright Notices

The Netty Project

=====

Please visit the Netty web site for more information:

\* <https://netty.io/>

Copyright 2014 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

## Third-Party Notices

---

WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Also, please refer to each LICENSE.<component>.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.

-----  
-----  
This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:

- \* LICENSE:
- \* license/LICENSE.jsr166y.txt (Public Domain)
- \* HOMEPAGE:
- \* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/>
- \* <http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/>

This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.base64.txt (Public Domain)
- \* HOMEPAGE:
- \* <http://iharder.sourceforge.net/current/java/base64/>

This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.webbit.txt (BSD License)
- \* HOMEPAGE:
- \* <https://github.com/joewalnes/webbit>

This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.slf4j.txt (MIT License)
- \* HOMEPAGE:
- \* <https://www.slf4j.org/>

This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:

- \* NOTICE:
- \* license/NOTICE.harmony.txt
- \* LICENSE:
- \* license/LICENSE.harmony.txt (Apache License 2.0)
- \* HOMEPAGE:

---

\* <https://archive.apache.org/dist/harmony/>

This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.jzip2.txt (MIT License)  
\* HOMEPAGE:  
\* <https://code.google.com/p/jzip2/>

This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.libdivsufsort.txt (MIT License)  
\* HOMEPAGE:  
\* <https://github.com/y-256/libdivsufsort>

This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.jctools.txt (ASL2 License)  
\* HOMEPAGE:  
\* <https://github.com/JCTools/JCTools>

This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.jzlib.txt (BSD style License)  
\* HOMEPAGE:  
\* <http://www.jcraft.com/jzlib/>

This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.compress-lzf.txt (Apache License 2.0)  
\* HOMEPAGE:  
\* <https://github.com/ning/compress>

This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.lz4.txt (Apache License 2.0)  
\* HOMEPAGE:

## Third-Party Notices

---

\* <https://github.com/jpountz/lz4-java>

This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.lzma-java.txt (Apache License 2.0)  
\* HOMEPAGE:  
\* <https://github.com/jponge/lzma-java>

This product optionally depends on 'zstd-jni', a zstd-jni Java compression and decompression library, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.zstd-jni.txt (Apache License 2.0)  
\* HOMEPAGE:  
\* <https://github.com/luben/zstd-jni>

This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.jfastlz.txt (MIT License)  
\* HOMEPAGE:  
\* <https://code.google.com/p/jfastlz/>

This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.protobuf.txt (New BSD License)  
\* HOMEPAGE:  
\* <https://github.com/google/protobuf>

This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.bouncycastle.txt (MIT License)  
\* HOMEPAGE:  
\* <https://www.bouncycastle.org/>

This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.snappy.txt (New BSD License)  
\* HOMEPAGE:  
\* <https://github.com/google/snappy>

---

This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/jboss-remoting/jboss-marshalling>

This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.caliper.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/google/caliper>

This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.commons-logging.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://commons.apache.org/logging/>

This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.log4j.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://logging.apache.org/log4j/>

This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.aalto-xml.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://wiki.fasterxml.com/AaltoHome>

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.hpack.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/twitter/hpack>

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:

## Third-Party Notices

---

- \* LICENSE:
  - \* license/LICENSE.hyper-hpack.txt (MIT License)
- \* HOMEPAGE:
  - \* <https://github.com/python-hyper/hpack/>

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.nghttp2-hpack.txt (MIT License)
- \* HOMEPAGE:
  - \* <https://github.com/nghttp2/nghttp2/>

This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.commons-lang.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://commons.apache.org/proper/commons-lang/>

This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

- \* LICENSE:
  - \* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/takari/maven-wrapper>

This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS. This private header is also used by Apple's open source mDNSResponder (<https://opensource.apple.com/tarballs/mDNSResponder/>).

- \* LICENSE:
  - \* license/LICENSE.dnsinfo.txt (Apple Public Source License 2.0)
- \* HOMEPAGE:
  - \* <https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h>

This product optionally depends on 'Brotli4j', Brotli compression and decompression for Java., which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.brotli4j.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/hyperxpro/Brotli4j>

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #105 NAME : io.netty-netty-tcnative-boringssl-
static-linux-aarch_64
FOURTH-PARTY DEPENDENCY #106 NAME : io.netty-netty-tcnative-boringssl-
static-linux-x86_64
FOURTH-PARTY DEPENDENCY #107 NAME : io.netty-netty-tcnative-boringssl-
static-osx-aarch_64
FOURTH-PARTY DEPENDENCY #108 NAME : io.netty-netty-tcnative-boringssl-
static-osx-x86_64
FOURTH-PARTY DEPENDENCY #109 NAME : io.netty-netty-tcnative-boringssl-
static-windows-x86_64
FOURTH-PARTY DEPENDENCY #110 NAME : io.netty-netty-tcnative-boringssl-
static
FOURTH-PARTY DEPENDENCY #111 NAME : io.netty-netty-tcnative-classes
== License Type
Apache 2.0
```

== Copyright Notices

The Netty Project

=====

Please visit the Netty web site for more information:

\* <http://netty.io/>

Copyright 2016 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----  
This product contains a forked and modified version of Tomcat Native

\* LICENSE:  
\* <license/LICENSE.tomcat-native.txt> (Apache License 2.0)  
\* HOMEPAGE:  
\* <http://tomcat.apache.org/native-doc/>  
\* <https://svn.apache.org/repos/asf/tomcat/native/>

This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

\* LICENSE:

## Third-Party Notices

---

- \* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/takari/maven-wrapper>

This product contains small piece of code to support AIX, taken from netbsd.

- \* LICENSE:
  - \* license/LICENSE.aix-netbsd.txt (OpenSSL License)
- \* HOMEPAGE:
  - \* <https://ftp.netbsd.org/pub/NetBSD/NetBSD-current/src/crypto/external/bsd/openssl/dist>

This product contains code from boringssl.

- \* LICENSE (Combination ISC and OpenSSL license)
  - \* license/LICENSE.boringssl.txt (Combination ISC and OpenSSL license)
- \* HOMEPAGE:
  - \* <https://boringssl.googleusercontent.com/boringssl/>

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #112 NAME : io.netty.incubator-netty-incubator-transport-classes-io\_uring-0.0.21.Final  
FOURTH-PARTY DEPENDENCY #113 NAME : io.netty.incubator-netty-incubator-transport-native-io\_uring-0.0.21.Final-linux-aarch\_64  
FOURTH-PARTY DEPENDENCY #114 NAME : io.netty.incubator-netty-incubator-transport-native-io\_uring-0.0.21.Final-linux-x86\_64

== License Type  
Apache 2.0

== Copyright Notices

The Netty Project

=====

Please visit the Netty web site for more information:

- \* <https://netty.io/>

Copyright 2020 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

License for the specific language governing permissions and limitations under the License.

Also, please refer to each LICENSE.<component>.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.

-----  
-----  
This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

```
* LICENSE:
  * license/LICENSE.mvn-wrapper.txt (Apache License 2.0)
* HOMEPAGE:
  * https://github.com/takari/maven-wrapper
```

This product contains the a few files forked from liburing to allow building on systems that dont have kernel 5.9+.

```
* LICENSE:
  * license/LICENSE.liburing.txt (MIT)
* HOMEPAGE:
  * https://github.com/axboe/liburing
```

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #115 NAME : io.opencensus-opencensus-api
FOURTH-PARTY DEPENDENCY #116 NAME : io.opencensus-opencensus-contrib-http-util
FOURTH-PARTY DEPENDENCY #117 NAME : io.opencensus-opencensus-proto
== License Type
Apache 2.0
== Copyright Notices
Copyright 2017, OpenCensus Authors
```

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #118 NAME : io.perfmark-perfmark-api
== License Type
Apache 2.0
== Copyright Notices
Copyright 2019 Google LLC
```

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

## Third-Party Notices

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
This product contains a modified portion of 'Catapult', an open source Trace Event viewer for Chrome, Linux, and Android applications, which can be obtained at:

```
* LICENSE:
*
traceviewer/src/main/resources/io/perfmark/traceviewer/third_party/catapult/LICENSE (New BSD License)
* HOMEPAGE:
* https://github.com/catapult-project/catapult
```

This product contains a modified portion of 'Polymer', a library for Web Components, which can be obtained at:

```
* LICENSE:
*
traceviewer/src/main/resources/io/perfmark/traceviewer/third_party/polymer/LICENSE (New BSD License)
* HOMEPAGE:
* https://github.com/Polymer/polymer
```

This product contains a modified portion of 'ASM', an open source Java Bytecode library, which can be obtained at:

```
* LICENSE:
* agent/src/main/resources/io/perfmark/agent/third_party/asm/LICENSE (BSD style License)
* HOMEPAGE:
* https://asm.ow2.io/
```

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #119 NAME : io.prometheus-simpleclient
FOURTH-PARTY DEPENDENCY #120 NAME : io.prometheus-simpleclient_caffeine
FOURTH-PARTY DEPENDENCY #121 NAME : io.prometheus-simpleclient_common
FOURTH-PARTY DEPENDENCY #122 NAME : io.prometheus-simpleclient_hotspot
FOURTH-PARTY DEPENDENCY #123 NAME : io.prometheus-simpleclient_httpserver
FOURTH-PARTY DEPENDENCY #124 NAME : io.prometheus-simpleclient_jetty
FOURTH-PARTY DEPENDENCY #125 NAME : io.prometheus-simpleclient_log4j2
FOURTH-PARTY DEPENDENCY #126 NAME : io.prometheus-simpleclient_servlet
FOURTH-PARTY DEPENDENCY #127 NAME : io.prometheus-
simpleclient_servlet_common
FOURTH-PARTY DEPENDENCY #128 NAME : io.prometheus-
simpleclient_tracer_common
FOURTH-PARTY DEPENDENCY #129 NAME : io.prometheus-simpleclient_tracer_otel
FOURTH-PARTY DEPENDENCY #130 NAME : io.prometheus-
simpleclient_tracer_otel_agent
== License Type
```

---

```
Apache 2.0
== Copyright Notices
Prometheus instrumentation library for JVM applications
Copyright 2012-2015 The Prometheus Authors
```

```
This product includes software developed at
Boxever Ltd. (http://www.boxever.com/).
```

```
This product includes software developed at
SoundCloud Ltd. (http://soundcloud.com/).
```

```
This product includes software developed as part of the
Ocelli project by Netflix Inc. (https://github.com/Netflix/ocelli/).
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #131 NAME : io.prometheus.jmx-collector
== License Type
Apache 2.0
== Copyright Notices
Prometheus exporter for JMX beans.
Copyright 2012-2015 The Prometheus Authors
```

```
This product includes software developed at
SoundCloud Ltd. (http://soundcloud.com/).
```

```
----- (separator) -----
--
```

```
== NAME OF DEPENDENCY 132: io.reactivex.rxjava3-rxjava
```

```
== License Type
Apache 2.0
== Copyright Notices
/**
 * Copyright (c) 2016-present, RxJava Contributors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License"); you
may not use this file except in
 * compliance with the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
distributed under the License is
 * distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF
ANY KIND, either express or implied. See
 * the License for the specific language governing permissions and
limitations under the License.
 */
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #133 NAME : io.swagger-swagger-annotations
FOURTH-PARTY DEPENDENCY #134 NAME : io.swagger-swagger-core
```

## Third-Party Notices

---

```
FOURTH-PARTY DEPENDENCY #135 NAME : io.swagger-swagger-models
== License Type
Apache 2.0
== Copyright Notices
Swagger Core - ${pom.name}
Copyright (c) 2015. SmartBear Software Inc.
Swagger Core - ${pom.name} is licensed under Apache 2.0 license.
Copy of the Apache 2.0 license can be found in `LICENSE` file.
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #136 NAME : io.vertx-vertx-auth-common
== License Type
Apache 2.0 or Eclipse Public License - v 1.0
```

```
== Copyright Notices
/*
 * Copyright 2014 Red Hat, Inc.
 *
 * All rights reserved. This program and the accompanying materials
 * are made available under the terms of the Eclipse Public License v1.0
 * and Apache License v2.0 which accompanies this distribution.
 *
 * The Eclipse Public License is available at
 * http://www.eclipse.org/legal/epl-v10.html
 *
 * The Apache License v2.0 is available at
 * http://www.opensource.org/licenses/apache2.0.php
 *
 * You may elect to redistribute this code under either of these
licenses.
 */
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #137 NAME : io.vertx-vertx-bridge-common
== License Type
Apache 2.0 or Eclipse Public License - v 1.0
```

```
== Copyright Notices
/*
 * Copyright (c) 2011-2015 The original author or authors
 * -----
 * All rights reserved. This program and the accompanying materials
 * are made available under the terms of the Eclipse Public License v1.0
 * and Apache License v2.0 which accompanies this distribution.
 *
 * The Eclipse Public License is available at
 * http://www.eclipse.org/legal/epl-v10.html
 *
 * The Apache License v2.0 is available at
 * http://www.opensource.org/licenses/apache2.0.php
 *
 * You may elect to redistribute this code under either of these
licenses.
 */
```

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #138 NAME : io.vertx-vertx-core

== License Type

Eclipse Public License - v 2.0

== Copyright Notices

This content is produced and maintained by the Eclipse Vert.x project.

Project home: <https://projects.eclipse.org/projects/rt.vertx>

Eclipse Vert.x, and Vert.x are trademarks of the Eclipse Foundation.

Eclipse, and the Eclipse Logo are registered trademarks of the Eclipse Foundation.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at

<http://www.eclipse.org/legal/epl-2.0>, or the Apache Software License 2.0 which is available at <https://www.apache.org/licenses/LICENSE-2.0>.

SPDX-License-Identifier: EPL-2.0 OR Apache-2.0

Source Code

The project maintains the following source code repositories:

<https://github.com/eclipse-vertx/vert.x>

Copyright Holders

See the header in each individual file and

<https://github.com/eclipse/vert.x/graphs/contributors>.

Third-party Content

See the declared runtime dependencies in pom.xml.

Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #139 NAME : io.vertx-vertx-grpc

== License Type

Apache 2.0 or Eclipse Public License - v 1.0

== Copyright Notices

/\*

\* Copyright (c) 2011-2013 The original author or authors

\* -----

\* All rights reserved. This program and the accompanying materials

\* are made available under the terms of the Eclipse Public License v1.0

## Third-Party Notices

---

```
* and Apache License v2.0 which accompanies this distribution.
*
* The Eclipse Public License is available at
* http://www.eclipse.org/legal/epl-v10.html
*
* The Apache License v2.0 is available at
* http://www.opensource.org/licenses/apache2.0.php
*
* You may elect to redistribute this code under either of these licenses.
*/
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #140 NAME : io.vertx-vertx-web
FOURTH-PARTY DEPENDENCY #141 NAME : io.vertx-vertx-web-common
```

```
== License Type
Apache 2.0 or Eclipse Public License - v 1.0
```

```
== Copyright Notices
```

```
/*
* Copyright (c) 2011-2018 The original author or authors
* -----
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Eclipse Public License v1.0
* and Apache License v2.0 which accompanies this distribution.
*
* The Eclipse Public License is available at
* http://www.eclipse.org/legal/epl-v10.html
*
* The Apache License v2.0 is available at
* http://www.opensource.org/licenses/apache2.0.php
*
* You may elect to redistribute this code under either of these licenses.
*/
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #142 NAME : jakarta.activation-jakarta.activation-
api
FOURTH-PARTY DEPENDENCY #143 NAME : jakarta.annotation-jakarta.annotation-
api
FOURTH-PARTY DEPENDENCY #144 NAME : jakarta.validation-jakarta.validation-
api
FOURTH-PARTY DEPENDENCY #145 NAME : jakarta.ws.rs-jakarta.ws.rs-api
FOURTH-PARTY DEPENDENCY #146 NAME : jakarta.xml.bind-jakarta.xml.bind-api
FOURTH-PARTY DEPENDENCY #147 NAME : javax.ws.rs-javax.ws.rs-api
```

```
== License Type
Eclipse Public License - v 2.0
== Copyright Notices
* Copyright (c) 2017-2017 Oracle and/or its affiliates. All rights
reserved.
*
```

```

* The contents of this file are subject to the terms of either the GNU
* General Public License Version 2 only ("GPL") or the Common
Development
* and Distribution License("CDDL") (collectively, the "License").
You
* may not use this file except in compliance with the License.  You can
* obtain a copy of the License at
* https://oss.oracle.com/licenses/CDDL+GPL-1.1
* or LICENSE.txt.  See the License for the specific
* language governing permissions and limitations under the License.
*
* When distributing the software, include this License Header Notice in
each
* file and include the License file at LICENSE.txt.
*
* GPL Classpath Exception:
* Oracle designates this particular file as subject to the "Classpath"
* exception as provided by Oracle in the GPL Version 2 section of the
License
* file that accompanied this code.
*
* Modifications:
* If applicable, add the following below the License Header, with the
fields
* enclosed by brackets [] replaced by your own identifying information:
* "Portions Copyright [year] [name of copyright owner]"
*
* Contributor(s):
* If you wish your version of this file to be governed by only the CDDL
or
* only the GPL Version 2, indicate your decision by adding
"[Contributor]
* elects to include this software in this distribution under the [CDDL or
GPL
* Version 2] license."  If you don't indicate a single choice of
license, a
* recipient has the option to distribute your version of this file under
* either the CDDL, the GPL Version 2 or to extend the choice of license
to
* its licensees as provided above.  However, if you add GPL Version 2
code
* and therefore, elected the GPL Version 2 license, then the option
applies
* only if the new code is made subject to such option by the copyright
* holder.

```

```
----- (separator) -----
```

```
--
```

```

FOURTH-PARTY DEPENDENCY #148 NAME : javax.annotation-javax.annotation-api
FOURTH-PARTY DEPENDENCY #149 NAME : javax.servlet-javax.servlet-api
FOURTH-PARTY DEPENDENCY #150 NAME : javax.websocket-javax.websocket-
client-api
FOURTH-PARTY DEPENDENCY #151 NAME : javax.xml.bind-jaxb-api
== License Type
CDDL 1.1
== Copyright Notices

```

## Third-Party Notices

---

```
* Copyright (c) 2017-2017 Oracle and/or its affiliates. All rights
reserved.
*
* The contents of this file are subject to the terms of either the GNU
* General Public License Version 2 only ("GPL") or the Common
Development
* and Distribution License("CDDL") (collectively, the "License").
You
* may not use this file except in compliance with the License. You can
* obtain a copy of the License at
* https://oss.oracle.com/licenses/CDDL+GPL-1.1
* or LICENSE.txt. See the License for the specific
* language governing permissions and limitations under the License.
*
* When distributing the software, include this License Header Notice in
each
* file and include the License file at LICENSE.txt.
*
* GPL Classpath Exception:
* Oracle designates this particular file as subject to the "Classpath"
* exception as provided by Oracle in the GPL Version 2 section of the
License
* file that accompanied this code.
*
* Modifications:
* If applicable, add the following below the License Header, with the
fields
* enclosed by brackets [] replaced by your own identifying information:
* ""Portions Copyright [year] [name of copyright owner]""
*
* Contributor(s):
* If you wish your version of this file to be governed by only the CDDL
or
* only the GPL Version 2, indicate your decision by adding
""[Contributor]
* elects to include this software in this distribution under the [CDDL or
GPL
* Version 2] license."" If you don't indicate a single choice of
license, a
* recipient has the option to distribute your version of this file under
* either the CDDL, the GPL Version 2 or to extend the choice of license
to
* its licensees as provided above. However, if you add GPL Version 2
code
* and therefore, elected the GPL Version 2 license, then the option
applies
* only if the new code is made subject to such option by the copyright
* holder.

----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #152 NAME : javax.validation-validation-api
== License Type
Apache 2.0
== Copyright Notices
# List of contributors
```

---

Red Hat Inc.  
Dhanji R. Prasanna  
Emmanuel Bernard  
Gavin King  
Gerhard Petracek  
Gunnar Morling  
Hardy Ferentschik  
Kevin Pollet  
Sebastian Thomschke

Generated by src/main/scripts/gencopyright.sh

----- (separator) -----  
--

== NAME OF DEPENDENCY 153: jline-jline

== License Type  
BSD 2-clause

== Copyright Notices

Copyright (c) 2002-2016, the original author or authors.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #154 NAME : net.java.dev.jna-jna-jpms  
FOURTH-PARTY DEPENDENCY #155 NAME : net.java.dev.jna-jna-platform-jpms  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright (c) 2007 Timothy Wall, All Rights Reserved

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #156 NAME : net.jcip-jcip-annotations  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright 2013 Stephen Connolly.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #157 NAME : net.jodah-typetools  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright Jonathan Halterman and friends. Released under the Apache 2.0 license.

----- (separator) -----  
--

== NAME OF DEPENDENCY 158: net.jodah-failsafe  
== License Type  
Apache 2.0

## Third-Party Notices

---

== Copyright Notices

```
/*
 * Copyright 2016 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License
 */
```

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #159 NAME : org.apache.avro-avro
FOURTH-PARTY DEPENDENCY #160 NAME : org.apache.avro-avro-protobuf
```

== License Type

Apache 2.0

== Copyright Notices

Apache Avro

Copyright 2010-2019 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

JUnit license acknowledgement:

```
| Portions Copyright © 2002-2012 Charlie Poole or Copyright © 2002-2004
James
| W. Newkirk, Michael C. Two, Alexei A. Vorontsov or Copyright © 2000-2002
| Philip A. Craig
```

Based upon the representations of upstream licensors, it is understood that portions of the mapreduce API included in the Java implementation are licensed from various contributors under one or more contributor license agreements to Odiago, Inc. and were then contributed by Odiago to Apache Avro, which has now made them available under the Apache 2.0 license. The original file header text is:

```
| Licensed to Odiago, Inc. under one or more contributor license
| agreements. See the NOTICE file distributed with this work for
| additional information regarding copyright ownership. Odiago, Inc.
```

---

```
| licenses this file to you under the Apache License, Version 2.0
| (the "License"); you may not use this file except in compliance
| with the License. You may obtain a copy of the License at
|
|     https://www.apache.org/licenses/LICENSE-2.0
|
| Unless required by applicable law or agreed to in writing, software
| distributed under the License is distributed on an "AS IS" BASIS,
| WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
| implied. See the License for the specific language governing
| permissions and limitations under the License.
```

The Odiago NOTICE at the time of the contribution:

```
| This product includes software developed by Odiago, Inc.
| (https://www.wibidata.com).
```

Apache Ivy includes the following in its NOTICE file:

```
| Apache Ivy
| Copyright 2007-2010 The Apache Software Foundation
|
| This product includes software developed by
| The Apache Software Foundation (https://www.apache.org/).
|
| Portions of Ivy were originally developed by
| Jayasoft SARL (http://www.jayasoft.fr/)
| and are licensed to the Apache Software Foundation under the
| "Software Grant License Agreement"
|
| SSH and SFTP support is provided by the JCraft JSch package,
| which is open source software, available under
| the terms of a BSD style license.
| The original software and related information is available
| at http://www.jcraft.com/jsch/.
```

Apache Log4Net includes the following in its NOTICE file:

```
| Apache log4net
| Copyright 2004-2015 The Apache Software Foundation
|
| This product includes software developed at
| The Apache Software Foundation (https://www.apache.org/).
```

csharp reflect serializers were contributed by Pitney Bowes Inc.

```
| Copyright 2019 Pitney Bowes Inc.
| Licensed under the Apache License, Version 2.0 (the "License"); you
| may not use this file except in compliance with the License.
| You may obtain a copy of the License at
| https://www.apache.org/licenses/LICENSE-2.0.
| Unless required by applicable law or agreed to in writing, software
| distributed under the License is distributed on an "AS IS" BASIS,
| WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
| See the License for the specific language governing permissions and
| limitations under the License.
```

## Third-Party Notices

---

```
----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #161 NAME : org.apache.bookkeeper-bookkeeper-
common
FOURTH-PARTY DEPENDENCY #162 NAME : org.apache.bookkeeper-bookkeeper-
common-allocator
FOURTH-PARTY DEPENDENCY #163 NAME : org.apache.bookkeeper-bookkeeper-proto
FOURTH-PARTY DEPENDENCY #164 NAME : org.apache.bookkeeper-bookkeeper-
server
FOURTH-PARTY DEPENDENCY #165 NAME : org.apache.bookkeeper-bookkeeper-
slogger-api
FOURTH-PARTY DEPENDENCY #166 NAME : org.apache.bookkeeper-bookkeeper-
slogger-slf4j
FOURTH-PARTY DEPENDENCY #167 NAME : org.apache.bookkeeper-bookkeeper-
tools-framework
FOURTH-PARTY DEPENDENCY #168 NAME : org.apache.bookkeeper-circe-checksum
FOURTH-PARTY DEPENDENCY #169 NAME : org.apache.bookkeeper-cpu-affinity
FOURTH-PARTY DEPENDENCY #170 NAME : org.apache.bookkeeper-native-io
FOURTH-PARTY DEPENDENCY #171 NAME : org.apache.bookkeeper-stately
FOURTH-PARTY DEPENDENCY #172 NAME : org.apache.bookkeeper-stream-storage-
api
FOURTH-PARTY DEPENDENCY #173 NAME : org.apache.bookkeeper-stream-storage-
common
FOURTH-PARTY DEPENDENCY #174 NAME : org.apache.bookkeeper-stream-storage-
java-client
FOURTH-PARTY DEPENDENCY #175 NAME : org.apache.bookkeeper-stream-storage-
java-client-base
FOURTH-PARTY DEPENDENCY #176 NAME : org.apache.bookkeeper-stream-storage-
proto
FOURTH-PARTY DEPENDENCY #177 NAME : org.apache.bookkeeper-stream-storage-
server
FOURTH-PARTY DEPENDENCY #178 NAME : org.apache.bookkeeper-stream-storage-
service-api
FOURTH-PARTY DEPENDENCY #179 NAME : org.apache.bookkeeper-stream-storage-
service-impl
FOURTH-PARTY DEPENDENCY #180 NAME : org.apache.bookkeeper.http-http-server
FOURTH-PARTY DEPENDENCY #181 NAME : org.apache.bookkeeper.http-vertx-http-
server
FOURTH-PARTY DEPENDENCY #182 NAME : org.apache.bookkeeper.stats-
bookkeeper-stats-api
FOURTH-PARTY DEPENDENCY #183 NAME : org.apache.bookkeeper.stats-codahale-
metrics-provider
FOURTH-PARTY DEPENDENCY #184 NAME : org.apache.bookkeeper.stats-
prometheus-metrics-provider
```

== License Type

Apache 2.0

== Copyright Notices

Apache BookKeeper

Copyright 2011-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

```
----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #185 NAME : org.apache.commons-commons-
collections4
== License Type
Apache 2.0
== Copyright Notices
Apache Commons Collections
Copyright 2001-2022 The Apache Software Foundation
```

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

```
----- (separator) -----
--
FOURTH-PARTY DEPENDENCY #186 NAME : org.apache.commons-commons-compress
== License Type
Apache 2.0
== Copyright Notices
Apache Commons Compress
Copyright 2002-2022 The Apache Software Foundation
```

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

```
---
```

The files in the package `org.apache.commons.compress.archivers.sevenz` were derived from the LZMA SDK, version 9.20 (C/ and CPP/7zip/), which has been placed in the public domain:

"LZMA SDK is placed in the public domain." (<http://www.7zip.org/sdk.html>)

```
---
```

The test file `lbzip2_32767.bz2` has been copied from `libbzip2`'s source repository:

This program, "`bzip2`", the associated library "`libbzip2`", and all documentation, are copyright (C) 1996-2019 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
3. Altered source versions must be plainly marked as such, and must

## Third-Party Notices

---

not be misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, [jseward@acm.org](mailto:jseward@acm.org)

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #187 NAME : org.apache.commons-commons-lang3  
== License Type  
Apache 2.0  
== Copyright Notices  
Apache Commons Lang  
Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----

--

== NAME OF DEPENDENCY 188: org.apache.commons-commons-text

== License Type  
Apache 2.0

== Copyright Notices

Apache Commons Text  
Copyright 2014-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #189 NAME : org.apache.curator-curator-client  
FOURTH-PARTY DEPENDENCY #190 NAME : org.apache.curator-curator-framework  
FOURTH-PARTY DEPENDENCY #191 NAME : org.apache.curator-curator-recipes  
== License Type  
Apache 2.0  
== Copyright Notices  
Apache Curator  
Copyright 2013-2014 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #192 NAME : org.apache.distributedlog-  
distributedlog-common

FOURTH-PARTY DEPENDENCY #193 NAME : org.apache.distributedlog-  
distributedlog-core

FOURTH-PARTY DEPENDENCY #194 NAME : org.apache.distributedlog-  
distributedlog-core

FOURTH-PARTY DEPENDENCY #195 NAME : org.apache.distributedlog-  
distributedlog-protocol

== License Type

Apache 2.0

== Copyright Notices

Apache DistributedLog

Copyright 2017 The Apache Software Foundation

Apache DistributedLog project graduated from Incubator at July 2017.  
It is now a sub-project of Apache BookKeeper.

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

=====  
=====

Portions of this software were developed by Twitter.  
Copyright Twitter, 2016

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #196 NAME : org.apache.httpcomponents-httpclient

== License Type

Apache 2.0

== Copyright Notices

Apache HttpClient Client

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #197 NAME : org.apache.httpcomponents-httpcore

== License Type

Apache 2.0

== Copyright Notices

Apache HttpClient Core

Copyright 2005-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #198 NAME : org.apache.logging.log4j-log4j-api

FOURTH-PARTY DEPENDENCY #199 NAME : org.apache.logging.log4j-log4j-core

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #200 NAME : org.apache.logging.log4j-log4j-slf4j-impl

FOURTH-PARTY DEPENDENCY #201 NAME : org.apache.logging.log4j-log4j-web

== License Type

Apache 2.0

== Copyright Notices

Apache Log4j

Copyright 1999-2021 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #202 NAME : org.apache.thrift-libthrift

== License Type

Apache 2.0

== Copyright Notices

Apache Thrift

Copyright (C) 2006 - 2019, The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #203 NAME : org.apache.yetus-audience-annotations

== License Type

Apache 2.0

== Copyright Notices

Apache Yetus

Copyright 2008-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

---

Additional licenses for the Apache Yetus Source/Website:

---

See LICENSE for terms.

----- (separator) -----

```

--
FOURTH-PARTY DEPENDENCY #204 NAME : org.apache.zookeeper-zookeeper
FOURTH-PARTY DEPENDENCY #205 NAME : org.apache.zookeeper-zookeeper-jute
FOURTH-PARTY DEPENDENCY #206 NAME : org.apache.zookeeper-zookeeper-
prometheus-metrics
== License Type
Apache 2.0
== Copyright Notices
Apache ZooKeeper
Copyright 2009-2022 The Apache Software Foundation

```

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

This product includes software components originally  
developed for Airlift (<https://github.com/airlift/airlift>),  
licensed under the Apache 2.0 license. The licensing terms  
for Airlift code can be found at:  
<https://github.com/airlift/airlift/blob/master/LICENSE>

This project also includes some files with the following licenses.

These BSD licensed files:

```

./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable.c
./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable.h
./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_itr.c
./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_itr.h
./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_private.h
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/yu
i-min.js
./zookeeper-docs/src/main/resources/markdown/skin/prototype.js

```

These MIT licensed files:

```

./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/da
te.format.js
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.
bar.js
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.
dot.js
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.
line.js
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.
pie.js
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.
raphael.js
./zookeeper-contrib/zookeeper-contrib-
loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/ra
phael.js

```

## Third-Party Notices

---

This Apache 2.0 licensed file:

./zookeeper-contrib/zookeeper-contrib-zooinspector/src/main/java/com/nitido/utils/toaster/Toaster.java

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #207 NAME : org.asynchttpclient-async-http-client  
FOURTH-PARTY DEPENDENCY #208 NAME : org.asynchttpclient-async-http-client-netty-utils

== License Type

Apache 2.0

== Copyright Notices

Copyright 2014-2016 AsyncHttpClient Project

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #209 NAME : org.bitbucket.b\_c-jose4j

== License Type

Apache 2.0

== Copyright Notices

jose4j

Copyright 2012-2015 Brian Campbell

EcdsaUsingShaAlgorithm contains code for converting the concatenated R & S values of the signature to and from DER, which was originally derived from the Apache Santuario XML Security library's SignatureECDSA implementation. <http://santuario.apache.org/>

The Base64 implementation in this software was derived from the Apache Commons Codec project. <http://commons.apache.org/proper/commons-codec/>

JSON processing in this software was derived from the JSON.simple toolkit. <https://code.google.com/p/json-simple/>

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #210 NAME : org.bouncycastle-bcprkix-jdk15on  
FOURTH-PARTY DEPENDENCY #211 NAME : org.bouncycastle-bcprov-ext-jdk15on  
FOURTH-PARTY DEPENDENCY #212 NAME : org.bouncycastle-bcprov-jdk15on  
FOURTH-PARTY DEPENDENCY #213 NAME : org.bouncycastle-bcutil-jdk15on

== License Type

MIT

== Copyright Notices

Copyright (c) 2000-2021 The Legion of the Bouncy Castle Inc.

(<https://www.bouncycastle.org>)

----- (separator) -----

--

FOURTH-PARTY DEPENDENCY #214 NAME : org.checkerframework-checker-qual

== License Type

GNU General Public License, version 2 (GPL2), with the classpath exception

== Copyright Notices

The Checker Framework

Copyright 2004-present by the Checker Framework developers

Most of the Checker Framework is licensed under the GNU General Public License, version 2 (GPL2), with the classpath exception. The text of this license appears below. This is the same license used for OpenJDK.

A few parts of the Checker Framework have more permissive licenses, notably the parts that you might want to include with your own program.

- \* The annotations and utility files are licensed under the MIT License. (The text of this license also appears below.) This applies to checker-qual\*.jar and checker-util.jar and all the files that appear in them, which is all files in checker-qual and checker-util directories. It also applies to the cleanroom implementations of third-party annotations (in checker/src/testannotations/, framework/src/main/java/org/jmlspecs/, and framework/src/main/java/com/google/).

The Checker Framework includes annotations for some libraries. Those in .astub files use the MIT License. Those in <https://github.com/typetools/jdk> (which appears in the annotated-jdk directory of file checker.jar) use the GPL2 license.

Some external libraries that are included with the Checker Framework distribution have different licenses. Here are some examples.

- \* JavaParser is dual licensed under the LGPL or the Apache license -- you may use it under whichever one you want. (The JavaParser source code contains a file with the text of the GPL, but it is not clear why, since JavaParser does not use the GPL.) See <https://github.com/typetools/stubparser>.
- \* Annotation Tools (<https://github.com/typetools/annotation-tools>) uses the MIT license.
- \* Libraries in plume-lib (<https://github.com/plume-lib/>) are licensed under the MIT License.

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #215 NAME : org.conscrypt-conscrypt-openjdk-uber
== License Type
Apache 2.0
== Copyright Notices
Copyright 2016 The Android Open Source Project
```

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

## Third-Party Notices

---

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
This product contains a modified portion of `Netty`, a configurable network stack in Java, which can be obtained at:

- \* LICENSE:
  - \* licenses/LICENSE.netty.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <http://netty.io/>

This product contains a modified portion of `Apache Harmony`, modular Java runtime, which can be obtained at:

- \* LICENSE:
  - \* licenses/LICENSE.harmony.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://harmony.apache.org/>

----- (separator) -----  
--

```
FOURTH-PARTY DEPENDENCY #216 NAME : org.eclipse.jetty-jetty-alpn-
conscrypt-server
FOURTH-PARTY DEPENDENCY #217 NAME : org.eclipse.jetty-jetty-alpn-server
FOURTH-PARTY DEPENDENCY #218 NAME : org.eclipse.jetty-jetty-client
FOURTH-PARTY DEPENDENCY #219 NAME : org.eclipse.jetty-jetty-continuation
FOURTH-PARTY DEPENDENCY #220 NAME : org.eclipse.jetty-jetty-http
FOURTH-PARTY DEPENDENCY #221 NAME : org.eclipse.jetty-jetty-io
FOURTH-PARTY DEPENDENCY #222 NAME : org.eclipse.jetty-jetty-proxy
FOURTH-PARTY DEPENDENCY #223 NAME : org.eclipse.jetty-jetty-security
FOURTH-PARTY DEPENDENCY #224 NAME : org.eclipse.jetty-jetty-server
FOURTH-PARTY DEPENDENCY #225 NAME : org.eclipse.jetty-jetty-servlet
FOURTH-PARTY DEPENDENCY #226 NAME : org.eclipse.jetty-jetty-servlets
FOURTH-PARTY DEPENDENCY #227 NAME : org.eclipse.jetty-jetty-util
FOURTH-PARTY DEPENDENCY #228 NAME : org.eclipse.jetty-jetty-util-ajax
FOURTH-PARTY DEPENDENCY #229 NAME : org.eclipse.jetty.websocket-javax-
websocket-client-impl
FOURTH-PARTY DEPENDENCY #230 NAME : org.eclipse.jetty.websocket-websocket-
api
FOURTH-PARTY DEPENDENCY #231 NAME : org.eclipse.jetty.websocket-websocket-
client
FOURTH-PARTY DEPENDENCY #232 NAME : org.eclipse.jetty.websocket-websocket-
common
FOURTH-PARTY DEPENDENCY #233 NAME : org.eclipse.jetty.websocket-websocket-
server
FOURTH-PARTY DEPENDENCY #234 NAME : org.eclipse.jetty.websocket-websocket-
servlet
== License Type
Eclipse Public License - v 2.0
== Copyright Notices
```

## Notices for Eclipse Jetty

=====

This content is produced and maintained by the Eclipse Jetty project.

Project home: <https://www.eclipse.org/jetty/>

## Trademarks

-----

Eclipse Jetty, and Jetty are trademarks of the Eclipse Foundation.

## Copyright

-----

All contributions are the property of the respective authors or of entities to which copyright has been assigned by the authors (eg. employer).

## Declared Project Licenses

-----

This artifacts of this project are made available under the terms of:

- \* the Eclipse Public License v2.0  
<https://www.eclipse.org/legal/epl-2.0>  
SPDX-License-Identifier: EPL-2.0

or

- \* the Apache License, Version 2.0  
<https://www.apache.org/licenses/LICENSE-2.0>  
SPDX-License-Identifier: Apache-2.0

The following dependencies are EPL.

- \* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following dependencies are EPL and ASL2.

- \* org.eclipse.jetty.orbit:javax.security.auth.message

The following dependencies are EPL and CDDL 1.0.

- \* org.eclipse.jetty.orbit:javax.mail.glassfish

The following dependencies are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

The following dependencies are licensed by the OW2 Foundation according to the

terms of <http://asm.ow2.org/license.html>

- \* org.ow2.asm:asm-commons
- \* org.ow2.asm:asm

The following dependencies are ASL2 licensed.

## Third-Party Notices

---

- \* org.apache.taglibs:taglibs-standard-spec
- \* org.apache.taglibs:taglibs-standard-impl

The following dependencies are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2 licensed.

- \* org.mortbay.jasper:apache-jsp
- \* org.apache.tomcat:tomcat-jasper
- \* org.apache.tomcat:tomcat-juli
- \* org.apache.tomcat:tomcat-jsp-api
- \* org.apache.tomcat:tomcat-el-api
- \* org.apache.tomcat:tomcat-jasper-el
- \* org.apache.tomcat:tomcat-api
- \* org.apache.tomcat:tomcat-util-scan
- \* org.apache.tomcat:tomcat-util
- \* org.mortbay.jasper:apache-el
- \* org.apache.tomcat:tomcat-jasper-el
- \* org.apache.tomcat:tomcat-el-api

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* org.eclipse.jetty.toolchain:jetty-schemas

### Cryptography

-----  
Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

----- (separator) -----

--  
FOURTH-PARTY DEPENDENCY #235 NAME : org.glassfish.hk2-hk2-api  
FOURTH-PARTY DEPENDENCY #236 NAME : org.glassfish.hk2-hk2-locator  
FOURTH-PARTY DEPENDENCY #237 NAME : org.glassfish.hk2-hk2-utils  
FOURTH-PARTY DEPENDENCY #238 NAME : org.glassfish.hk2-osgi-resource-locator  
FOURTH-PARTY DEPENDENCY #239 NAME : org.glassfish.hk2.external-aopalliance-repackaged

```
FOURTH-PARTY DEPENDENCY #240 NAME : org.glassfish.hk2.external-
jakarta.inject
FOURTH-PARTY DEPENDENCY #241 NAME : org.glassfish.jersey.containers-
jersey-container-servlet
FOURTH-PARTY DEPENDENCY #242 NAME : org.glassfish.jersey.containers-
jersey-container-servlet-core
FOURTH-PARTY DEPENDENCY #243 NAME : org.glassfish.jersey.core-jersey-
client
FOURTH-PARTY DEPENDENCY #244 NAME : org.glassfish.jersey.core-jersey-
common
FOURTH-PARTY DEPENDENCY #245 NAME : org.glassfish.jersey.core-jersey-
server
FOURTH-PARTY DEPENDENCY #246 NAME : org.glassfish.jersey.ext-jersey-
entity-filtering
FOURTH-PARTY DEPENDENCY #247 NAME : org.glassfish.jersey.inject-jersey-hk2
FOURTH-PARTY DEPENDENCY #248 NAME : org.glassfish.jersey.media-jersey-
media-json-jackson
FOURTH-PARTY DEPENDENCY #249 NAME : org.glassfish.jersey.media-jersey-
media-multipart
== License Type
Eclipse Public License v. 2.0
== Copyright Notices
Notices for Eclipse GlassFish
```

This content is produced and maintained by the Eclipse GlassFish project.

Project home: <https://projects.eclipse.org/projects/ee4j.glassfish>

#### Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

#### Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

#### Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

#### Source Code

The project maintains the following source code repositories:

<https://github.com/eclipse-ee4j/glassfish-ha-api>

## Third-Party Notices

---

<https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor>  
<https://github.com/eclipse-ee4j/glassfish-shoal>  
<https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck>  
<https://github.com/eclipse-ee4j/glassfish-jsftemplating>  
<https://github.com/eclipse-ee4j/glassfish-hk2-extra>  
<https://github.com/eclipse-ee4j/glassfish-hk2>  
<https://github.com/eclipse-ee4j/glassfish-fighterfish>

### Third-party Content

This project leverages the following third party content.

None

### Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #250 NAME : org.hdrhistogram-HdrHistogram  
== License Type  
BSD 2-Clause  
== Copyright Notices  
Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene  
Copyright (c) 2014 Michael Barker  
Copyright (c) 2014 Matt Warren  
All rights reserved.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #251 NAME : org.javassist-javassist  
== License Type  
Mozilla Public License 1.1  
== Copyright Notices  
Copyright (C) 1999-2022 by Shigeru Chiba, All rights reserved.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #252 NAME : org.jctools-jctools-core  
== License Type  
Apache 2.0  
== Copyright Notices  
none

----- (separator) -----  
--

== NAME OF DEPENDENCY 253: org.jetbrains:annotations

== License Type  
Apache 2.0

## == Copyright Notices

```
/*
 * Copyright 2000-2021 JetBrains s.r.o.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 * https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

```
----- (separator) -----
--
```

```
== NAME OF DEPENDENCY 254: org.jetbrains.kotlin:kotlin-stdlib
== NAME OF DEPENDENCY 255: org.jetbrains.kotlin:kotlin-stdlib-common
== NAME OF DEPENDENCY 256: org.jetbrains.kotlin:kotlin-stdlib-jdk8
== NAME OF DEPENDENCY 257: org.jetbrains.kotlin:kotlin-stdlib-jdk7
```

```
== License Type
Apache 2.0
```

## == Copyright Notices

```
/*
 * Copyright 2010-2023 JetBrains s.r.o. and Kotlin Programming Language
 * contributors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

```
----- (separator) -----
--
```

```
== NAME OF DEPENDENCY 258: org.jline-jline
```

## Third-Party Notices

---

== License Type  
BSD 3-clause

== Copyright Notices

Copyright (c) 2002-2018, the original author or authors.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #259 NAME : org.jvnet.mimepull-mimepull

== License Type

CDDL 1.1

== Copyright Notices

\* Copyright (c) YYYY Oracle and/or its affiliates. All rights reserved.  
\*

\* The contents of this file are subject to the terms of either the GNU  
\* General Public License Version 2 only ("GPL") or the Common

Development

\* and Distribution License("CDDL") (collectively, the "License").

You

\* may not use this file except in compliance with the License. You can

\* obtain a copy of the License at

\* [http://glassfish.java.net/public/CDDL+GPL\\_1\\_1.html](http://glassfish.java.net/public/CDDL+GPL_1_1.html)

\* or [packager/legal/LICENSE.txt](#). See the License for the specific

\* language governing permissions and limitations under the License.

\*

\* When distributing the software, include this License Header Notice in  
each

\* file and include the License file at [packager/legal/LICENSE.txt](#).

\*

\* GPL Classpath Exception:

\* Oracle designates this particular file as subject to the "Classpath"

\* exception as provided by Oracle in the GPL Version 2 section of the

License

\* file that accompanied this code.

\*

\* Modifications:

\* If applicable, add the following below the License Header, with the  
fields

\* enclosed by brackets [] replaced by your own identifying information:

\* ""Portions Copyright [year] [name of copyright owner]""

\*

\* Contributor(s):

\* If you wish your version of this file to be governed by only the CDDL

or

\* only the GPL Version 2, indicate your decision by adding

""[Contributor]

\* elects to include this software in this distribution under the [CDDL or  
GPL

\* Version 2] license."" If you don't indicate a single choice of  
license, a

\* recipient has the option to distribute your version of this file under

\* either the CDDL, the GPL Version 2 or to extend the choice of license

to

```
* its licensees as provided above.  However, if you add GPL Version 2
code
* and therefore, elected the GPL Version 2 license, then the option
applies
* only if the new code is made subject to such option by the copyright
* holder.
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #260 NAME : org.reactivestreams-reactive-streams
== License Type
MIT
== Copyright Notices
Copyright 2014 Reactive Streams
```

```
----- (separator) -----
--
```

```
== NAME OF DEPENDENCY 261: org.roaringbitmap-RoaringBitmap
```

```
== License Type
Apache 2.0
```

```
== Copyright Notices
```

```
Copyright 2013-2016 the RoaringBitmap authors
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #262 NAME : org.rocksdb-rocksdbjni
== License Type
Apache 2.0
== Copyright Notices
// Copyright (c) 2011-present, Facebook, Inc. All rights reserved.
// This source code is licensed under both the GPLv2 (found in the
// COPYING file in the root directory) and Apache 2.0 License
// (found in the LICENSE.Apache file in the root directory).
```

```
----- (separator) -----
--
```

```
FOURTH-PARTY DEPENDENCY #263 NAME : org.slf4j-jcl-over-slf4j-1.7.25.jar
FOURTH-PARTY DEPENDENCY #264 NAME : org.slf4j-slf4j-api-1.7.25.jar
== License Type
MIT
== Copyright Notices
Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)
All rights reserved.
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be

## Third-Party Notices

---

included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #265 NAME : org.xerial.snappy-snappy-java  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright 2011 Taro L. Saito

This product includes software developed by Google  
Snappy: <http://code.google.com/p/snappy/> (New BSD License)

This product includes software developed by Apache  
PureJavaCrc32C from [apache-hadoop-common](http://hadoop.apache.org/) <http://hadoop.apache.org/>  
(Apache 2.0 license)

This library contained statically linked libstdc++. This inclusion is allowed by  
"GCC Runtime Library Exception"  
<http://gcc.gnu.org/onlinedocs/libstdc++/manual/license.html>

== Contributors ==  
\* Tatu Saloranta  
\* Providing benchmark suite  
\* Alec Wysoker  
\* Performance and memory usage improvement

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #266 NAME : org.yaml-snakeyaml  
== License Type  
Apache 2.0  
== Copyright Notices  
Copyright (c) 2008, SnakeYAML

----- (separator) -----  
--

== LICENSES  
.  
== Text of license (Eclipse Public License - v 2.0)

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

### 1. DEFINITIONS

""Contribution"" means:

- a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution ""originates"" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

""Contributor"" means any person or entity that Distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions Distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all

warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

### 3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may

participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this

Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

#### Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.  
The GNU General Public License (GPL) Version 2, June 1991  
Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to

## Third-Party Notices

---

exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or

distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new

## Third-Party Notices

---

versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#### CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

## Third-Party Notices

---

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

== Text of license (BSD 2-Clause)  
Copyright <YEAR> <COPYRIGHT HOLDER>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this

list of conditions and the following disclaimer in the documentation and/or

other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Text of license (BSD 3-Clause)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer

in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Text of license (Eclipse Public License - v 1.0)

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

## Third-Party Notices

---

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of

the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

== Text of license (MIT)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Text of license (CDDL 1.1)

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1

## 1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants.

### 2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer

hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

## 2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3)

under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

### 3. Distribution Obligations.

#### 3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

#### 3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

#### 3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

#### 3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

#### 3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from

the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

### 3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

## 4. Versions of the License.

### 4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

### 4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

### 4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

## 5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR

NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

### 6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as ""Participant"") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

### 7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER

FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

## Third-Party Notices

---

### NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain

that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The ""Program"", below, refers to any such program or work, and a ""work based on the Program"" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term ""modification"". ) Each licensee is addressed as ""you"".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any

associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

## Third-Party Notices

---

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN

WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the `""copyright""` line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.  
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type ``show w'`. This is free software, and you are welcome to redistribute it under certain conditions; type ``show c'` for details.

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

## Third-Party Notices

---

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#

Certain source files distributed by Oracle America, Inc. and/or its affiliates are subject to the following clarification and special exception to the GPLv2, based on the GNU Project exception for its Classpath libraries, known as the GNU Classpath Exception, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

You should also note that Oracle includes multiple, independent programs in this software package. Some of those programs are provided under licenses deemed incompatible with the GPLv2 by the Free Software Foundation and others. For example, the package includes programs licensed under the Apache License, Version 2.0. Such programs are licensed to you under their original licenses.

Oracle facilitates your further distribution of this package by adding the Classpath Exception to the necessary parts of its GPLv2 code, which permits you to use that code in combination with other independent modules not licensed under the GPLv2. However, note that this would not permit you to commingle code under an incompatible license with Oracle's GPLv2 licensed code by, for example, cutting and pasting such code into a file also containing Oracle's GPLv2 licensed code and then distributing the result. Additionally, if you were to remove the Classpath Exception from any of the files to which it applies and distribute the result, you would likely be required to license some or all of the other code in that distribution under the GPLv2 as well, and since the GPLv2 is incompatible with the license terms of some items included in the distribution by Oracle, removing the Classpath Exception could therefore effectively compromise your ability to further distribute the package.

Proceed with caution and we recommend that you obtain the advice of a lawyer skilled in open source matters before removing the Classpath Exception or making modifications to this package which may subsequently be redistributed and/or involve the use of third party software.

## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

== Text of license (GNU General Public License, version 2 (GPL2), with the classpath exception)

The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish),

## Third-Party Notices

---

that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of

this General Public License. The ""Program"", below, refers to any such program or work, and a ""work based on the Program"" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term ""modification"". ) Each licensee is addressed as ""you"".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run,

## Third-Party Notices

---

you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to

give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program

## Third-Party Notices

---

or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to

distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE

## Third-Party Notices

---

STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT

ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author Gnomovision
comes
with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free
software, and you are welcome to redistribute it under certain
conditions;
type 'show c' for details.
```

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
'Gnomovision' (which makes passes at compilers) written by James
Hacker.
```

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

""CLASSPATH"" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words `""Oracle designates this particular file as subject to the ""Classpath""` exception as provided by Oracle in the LICENSE file that accompanied this code.

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

== Text of license (Mozilla Public License 1.1)

Mozilla Public License Version 1.1

1. Definitions.

1.0.1. `""Commercial Use""`

means distribution or otherwise making the Covered Code available to a third party.

1.1. `""Contributor""`

means each entity that creates or contributes to the creation of Modifications.

1.2. `""Contributor Version""`

means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. `""Covered Code""`

means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. `""Electronic Distribution Mechanism""`

means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. `""Executable""`

means Covered Code in any form other than Source Code.

1.6. "Initial Developer"

means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work"

means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License"

means this document.

1.8.1. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications"

means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code"

means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims"

means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code"

means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your")

means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.

The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and under Patent Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

### 2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

## 3. Distribution Obligations.

### 3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2.

The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

### 3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

### 3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

### 3.4. Intellectual Property Matters

#### (a) Third Party Claims

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled ""LEGAL"" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

#### (b) Contributor APIs

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

#### (c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

### 3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also

duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

### 3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

### 3.7. Larger Works.

You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

## 4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

## 6. Versions of the License.

### 6.1. New Versions

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

### 6.2. Effect of New Versions

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

### 6.3. Derivative Works

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

## 7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

## 8. Termination

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a

mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

## 9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

## 10. U.S. government end users

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

## 11. Miscellaneous

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in

which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

#### 12. Responsibility for claims

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

#### 13. Multiple-licensed code

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

Exhibit A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <https://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is \_\_\_\_\_.

The Initial Developer of the Original Code is \_\_\_\_\_.  
Portions created by \_\_\_\_\_ are Copyright (C) \_\_\_\_\_  
\_\_\_\_\_. All Rights Reserved.

Contributor(s): \_\_\_\_\_.

Alternatively, the contents of this file may be used under the terms of the \_\_\_\_\_ license (the "[\_\_] License"), in which case the provisions of [\_\_\_\_\_] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [\_\_\_\_\_] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [\_\_\_\_\_] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [\_\_\_\_\_] License."

## Third-Party Notices

---

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications."

**The Apache Software Foundation, Kafka, 3.5.1,**

"Top Level Component : kafka 2.13-3.5.1  
-----

Top Level Component License : Apache License  
-----

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the Copyright owner or entity authorized by the Copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a Copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the Copyright owner or by an individual or Legal Entity authorized to submit on behalf of the Copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the Copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable Copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all Copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

## Third-Party Notices

---

If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own Copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an ""AS IS"" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the Copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of Copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Top Level Component Copyright:

-----  
Apache Kafka  
Copyright 2023 The Apache Software Foundation.

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

This distribution has a binary dependency on jersey, which is available under the CDDL License. The source code of jersey can be found at <https://github.com/jersey/jersey/>.

This distribution has a binary test dependency on jqwik, which is available under the Eclipse Public License 2.0. The source code can be found at <https://github.com/jlink/jqwik>.

## Third-Party Notices

---

The streams-scala (streams/streams-scala) module was donated by Lightbend and the original code was copyrighted by them:  
Copyright (C) 2018 Lightbend Inc. <<https://www.lightbend.com>>  
Copyright (C) 2017-2018 Alexis Seigneurin.

This project contains the following code copied from Apache Hadoop:  
clients/src/main/java/org/apache/kafka/common/utils/PureJavaCrc32C.java  
Some portions of this file Copyright (c) 2004-2006 Intel Corporation and licensed under the BSD license.

This project contains the following code copied from Apache Hive:  
streams/src/main/java/org/apache/kafka/streams/state/internals/Murmur3.java

```
=====  
4th Party Component:  argparse4j  
4th Party Component   MIT  
4th Party Component   Copyright Notice:
```

```
/*  
 * Copyright (C) 2011 Tatsuhiro Tsujikawa  
 *  
 * Permission is hereby granted, free of charge, to any person  
 * obtaining a copy of this software and associated documentation  
 * files (the "Software"), to deal in the Software without  
 * restriction, including without limitation the rights to use, copy,  
 * modify, merge, publish, distribute, sublicense, and/or sell copies  
 * of the Software, and to permit persons to whom the Software is  
 * furnished to do so, subject to the following conditions:  
 *  
 * The above Copyright notice and this permission notice shall be  
 * included in all copies or substantial portions of the Software.  
 *  
 * THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,  
 * EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF  
 * MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND  
 * NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR Copyright HOLDERS  
 * BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN  
 * ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN  
 * CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE  
 * SOFTWARE.  
 */
```

```
=====  
=====  
4th Party Component : audience-annotations  
4th Party Component License: Apache 2.0
```

```
4th Party Component   Copyright Notice:
```

Apache Yetus  
Copyright 2008-2017 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

---  
Additional licenses for the Apache Yetus Source/Website:  
---

See LICENSE for terms.

=====  
=====

4th Party Component : commons-cli  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

Apache Commons CLI  
Copyright 2001-2017 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

=====  
=====

4th Party Component: jackson-annotations  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

Copyright © 2008–2021 FasterXML. All rights reserved.

Licensed to the Apache Software Foundation (ASF) under one  
or more contributor license agreements. See the NOTICE file  
distributed with this work for additional information  
regarding copyright ownership. The ASF licenses this file  
to you under the Apache License, Version 2.0 (the  
"License"); you may not use this file except in compliance  
with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing,  
software distributed under the License is distributed on an  
"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY  
KIND, either express or implied. See the License for the  
specific language

=====  
=====

4th Party Component: jackson-core  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.  
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and  
has  
been in development since 2007.  
It is currently developed by a community of developers.

## Third-Party Notices

---

### ## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

### ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

=====

4th Party Component: jackson-databind  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

This copy of Jackson JSON processor databind module is licensed under the Apache (Software) License, version 2.0 ("the License").  
See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

<http://www.apache.org/licenses/LICENSE-2.0>

Copyright © 2012 fasterxml.com. All Rights Reserved.

### # Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

### ## Licensing

Jackson core and extension components may be licensed under different licenses.  
To find the details that apply to this artifact see the accompanying LICENSE file.  
For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

### ## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

```
=====
=====
4th Party Component:  jackson-dataformat-csv
4th Party Component License : Apache 2.0
4th Party Component  Copyright Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and
has
been in development since 2007.
It is currently developed by a community of developers, as well as
supported
commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different
licenses.
To find the details that apply to this artifact see the accompanying
LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (http://fasterxml.com).

## Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

=====
=====
4th Party Component:  jackson-datatype-jdk8
4th Party Component License: Apache 2.0
4th Party Component  Copyright Notice:

=====
=====
4th Party Component:  jackson-module-paranamer
4th Party Component License: Apache 2.0
4th Party Component  Copyright Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and
has
been in development since 2007.
It is currently developed by a community of developers, as well as
supported
commercially by FasterXML.com.

## Licensing
```

## Third-Party Notices

---

Jackson core and extension components may be licensed under different licenses.

To find the details that apply to this artifact see the accompanying LICENSE file.

For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

### ## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

=====

4th Party Component: jackson-module-scala  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

```
/*
 * Copyright (c) 2011 ScalaStuff.org (joint venture of Alexander Dvorkovyy
 and Ruud Diterwich)
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

=====

4th Party Component: jopt-simple  
4th Party Component License: MIT

-----

```
/*
The MIT License
```

Copyright (c) 2004-2015 Paul R. Holser, Jr.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above Copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR Copyright HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*/

=====  
=====

4th Party Component: jose4j  
4th Party Component License: Apache 2.0

-----

jose4j  
Copyright 2012-2015 Brian Campbell

EcdsaUsingShaAlgorithm contains code for converting the concatenated R & S values of the signature to and from DER, which was originally derived from the Apache Santuario XML Security library's SignatureECDSA implementation. <http://santuario.apache.org/>

The Base64 implementation in this software was derived from the Apache Commons Codec project. <http://commons.apache.org/proper/commons-codec/>

JSON processing in this software was derived from the JSON.simple toolkit. <https://code.google.com/p/json-simple/>

=====  
=====

4th Party Component:

-----

kafka-clients  
kafka-group-coordinator  
kafka-metadata  
kafka-raft  
kafka-server-common  
kafka-storage  
kafka-storage-api  
kafka-tools

-----

4th Party Component License: Apache 2.0

-----

Apache Kafka  
Copyright 2023 The Apache Software Foundation.

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

This distribution has a binary dependency on jersey, which is available under the CDDL License. The source code of jersey can be found at <https://github.com/jersey/jersey/>.

## Third-Party Notices

---

This distribution has a binary test dependency on jqwik, which is available under the Eclipse Public License 2.0. The source code can be found at <https://github.com/jlink/jqwik>.

The streams-scala (streams/streams-scala) module was donated by Lightbend and the original code was copyrighted by them:  
Copyright (C) 2018 Lightbend Inc. <<https://www.lightbend.com>>  
Copyright (C) 2017-2018 Alexis Seigneurin.

This project contains the following code copied from Apache Hadoop:  
clients/src/main/java/org/apache/kafka/common/utils/PureJavaCrc32C.java  
Some portions of this file Copyright (c) 2004-2006 Intel Corporation and licensed under the BSD license.

This project contains the following code copied from Apache Hive:  
streams/src/main/java/org/apache/kafka/streams/state/internals/Murmur3.java

=====  
=====

4th Party Component: lz4-java  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

```
/*
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

=====  
=====

4th Party Component: metrics-core  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

Metrics  
Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2017 Dropwizard Team

This product includes software developed by Coda Hale and Yammer, Inc.

This product includes code derived from the JSR-166 project  
(ThreadLocalRandom, Striped64,

LongAdder), which was released with the following comments:

Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/>

=====  
=====

```
io.netty:netty-handler
io.netty:netty-common
io.netty:netty-resolver
io.netty:netty-buffer
io.netty:netty-transport
io.netty:netty-transport-native-unix-common--
io.netty:netty-codec
io.netty:netty-transport-native-epoll
io.netty:netty-transport-classes-epoll
```

----- NOTICE:

Netty (io.netty:netty-\*)

Copyright 2012,2021 The Netty Project

Copyright 2014 Twitter, Inc.

Copyright (c) 2011, Joe Walnes and contributors

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Copyright (c) 2004-2011 QOS.ch

The Netty Project

=====

Please visit the Netty web site for more information:

\* <https://netty.io/>

Copyright 2014 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance

with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Also, please refer to each LICENSE.<component>.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.

## Third-Party Notices

---

-----  
-----  
This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:

\* LICENSE:

\* license/LICENSE.jsr166y.txt (Public Domain)

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

\* HOMEPAGE:

\* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/>

\* <http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss/cache/experimental/jsr166/>

-----  
-----

---

This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:

\* LICENSE:

\* license/LICENSE.base64.txt (Public Domain)

The person or persons who have associated work with this document (the ""Dedicator"" or ""Certifier"") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the ""Work"") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a ""dedicator"" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

\* HOMEPAGE:

\* <http://iharder.sourceforge.net/current/java/base64/>

-----  
-----  
This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:

\* LICENSE:

\* license/LICENSE.webbit.txt (BSD License)

## Third-Party Notices

---

(BSD License: <https://www.opensource.org/licenses/bsd-license>)

Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Webbit nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\* HOMEPAGE:

\* <https://github.com/joewalnes/webbit>

-----  
-----  
This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:

\* LICENSE:

\* license/LICENSE.slf4j.txt (MIT License)

/\*

\* Copyright (c) 2004-2007 QOS.ch

\* All rights reserved.

\*

\* Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including

\* without limitation the rights to use, copy, modify, merge, publish,

\* distribute, sublicense, and/or sell copies of the Software, and to

```
* permit persons to whom the Software is furnished to do so, subject to
* the following conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY
KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE
* LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION
* OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
* WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
*/
* HOMEPAGE:
* https://www.slf4j.org/
```

---

This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:

```
* NOTICE:
* license/NOTICE.harmony.txt
Apache Harmony
```

Copyright 2006, 2010 The Apache Software Foundation.

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

```
* LICENSE:
* license/LICENSE.harmony.txt (Apache License 2.0)
```

```
* HOMEPAGE:
* https://archive.apache.org/dist/harmony/
```

---

This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:

```
* LICENSE:
* license/LICENSE.jzip2.txt (MIT License)
Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jzip2
Project
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is

## Third-Party Notices

---

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\* HOMEPAGE:

\* <https://code.google.com/p/jbzip2/>

-----  
-----  
This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at:

\* LICENSE:

\* license/LICENSE.libdivsufsort.txt (MIT License)  
Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\* HOMEPAGE:

\* <https://github.com/y-256/libdivsufsort>

-----  
-----  
This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:

```
* LICENSE:
* license/LICENSE.jctools.txt (ASL2 License)
* HOMEPAGE:
* https://github.com/JCTools/JCTools
```

-----  
-----  
This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:

```
* LICENSE:
* license/LICENSE.jzlib.txt (BSD style License)
Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products  
derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
* HOMEPAGE:
* http://www.jcraft.com/jzlib/
```

-----  
-----  
This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:

## Third-Party Notices

---

\* LICENSE:  
\* license/LICENSE.compress-lzf.txt (Apache License 2.0)  
Copyright 2009-2010 Ning, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

\* HOMEPAGE:  
\* <https://github.com/ning/compress>

-----  
-----  
This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.lz4.txt (Apache License 2.0)  
\* HOMEPAGE:  
\* <https://github.com/jpountz/lz4-java>

-----  
-----  
This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.lzma-java.txt (Apache License 2.0)  
\* HOMEPAGE:  
\* <https://github.com/jponge/lzma-java>

-----  
-----  
This product optionally depends on 'zstd-jni', a zstd-jni Java compression and decompression library, which can be obtained at:

\* LICENSE:  
\* license/LICENSE.zstd-jni.txt (Apache License 2.0)  
\* HOMEPAGE:  
\* <https://github.com/luben/zstd-jni>

-----  
-----  
This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:

\* LICENSE:  
\* license/LICENSE.jfastlz.txt (MIT License)

The MIT License

Copyright (c) 2009 William Kinney

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\* HOMEPAGE:

\* <https://code.google.com/p/jfastlz/>

-----  
-----  
This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:

\* LICENSE:

\* license/LICENSE.protobuf.txt (New BSD License)  
Protocol Buffers - Google's data interchange format  
Copyright 2013 Google Inc. All rights reserved.  
<https://developers.google.com/protocol-buffers/>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

## Third-Party Notices

---

OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

\* HOMEPAGE:

\* <https://github.com/google/protobuf>

-----

This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:

\* LICENSE:

\* [license/LICENSE.bouncycastle.txt](#) (MIT License)

The MIT License (MIT)

Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.  
(<https://www.bouncycastle.org>)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\* HOMEPAGE:

\* <https://www.bouncycastle.org/>

-----

---

This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.snappy.txt (New BSD License)

Copyright 2011, Google Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- \* HOMEPAGE:
  - \* <https://github.com/google/snappy>

-----  
-----  
This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/jboss-remoting/jboss-marshalling>

-----  
-----  
This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.caliper.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/google/caliper>

## Third-Party Notices

---

-----  
-----  
This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:

```
* LICENSE:
  * license/LICENSE.commons-logging.txt (Apache License 2.0)
* HOMEPAGE:
  * https://commons.apache.org/logging/
```

-----  
-----

This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:

```
* LICENSE:
  * license/LICENSE.log4j.txt (Apache License 2.0)
* HOMEPAGE:
  * https://logging.apache.org/log4j/
```

-----  
-----

This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:

```
* LICENSE:
  * license/LICENSE.aalto-xml.txt (Apache License 2.0)
```

This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

<https://www.apache.org/licenses/>

A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file ""ASL 2.0"". In both cases, that file should be located next to this file: in source distribution the location should be ""release-notes/asl""; and in jar ""META-INF/""

```
* HOMEPAGE:
  * http://wiki.fasterxml.com/AaltoHome
```

-----  
-----

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:

```
* LICENSE:
  * license/LICENSE.hpack.txt (Apache License 2.0)
* HOMEPAGE:
  * https://github.com/twitter/hpack
```

-----  
-----

This product contains a modified version of 'HPACK', a Java implementation of

the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:

\* LICENSE:

\* license/LICENSE.hyper-hpack.txt (MIT License)

The MIT License (MIT)

Copyright (c) 2014 Cory Benfield

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\* HOMEPAGE:

\* <https://github.com/python-hyper/hpack/>

-----  
This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:

\* LICENSE:

\* license/LICENSE.nghttp2-hpack.txt (MIT License)

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa  
Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

- \* HOMEPAGE:
- \* <https://github.com/nghttp2/nghttp2/>

-----  
-----  
This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:

- \* LICENSE:
- \* <license/LICENSE.commons-lang.txt> (Apache License 2.0)
- \* HOMEPAGE:
- \* <https://commons.apache.org/proper/commons-lang/>

-----  
-----  
This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

- \* LICENSE:
- \* <license/LICENSE.mvn-wrapper.txt> (Apache License 2.0)
- \* HOMEPAGE:
- \* <https://github.com/takari/maven-wrapper>

-----  
-----  
This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS.  
This private header is also used by Apple's open source mDNSResponder (<https://opensource.apple.com/tarballs/mDNSResponder/>).

- \* LICENSE:
- \* <license/LICENSE.dnsinfo.txt> (Apple Public Source License 2.0)
- /\*
- \* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved.
- \*
- \* @APPLE\_LICENSE\_HEADER\_START@
- \*
- \* This file contains Original Code and/or Modifications of Original Code as defined in and that are subject to the Apple Public Source License Version 2.0 (the 'License'). You may not use this file except in compliance with the License. Please obtain a copy of the License at <https://www.opensource.apple.com/apsl/> and read it before using this file.
- \*
- \* The Original Code and all software distributed under the License are

```

* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER
* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,
* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT.
* Please see the License for the specific language governing rights and
* limitations under the License.
*
* @APPLE_LICENSE_HEADER_END@
*/
* HOMEPAGE:
* https://www.opensource.apple.com/source/configd/configd-
453.19/dnsinfo/dnsinfo.h

```

```

-----
-----
This product optionally depends on 'Brotli4j', Brotli compression and
decompression for Java., which can be obtained at:

```

```

* LICENSE:
* license/LICENSE.brotli4j.txt (Apache License 2.0)
* HOMEPAGE:
* https://github.com/hyperxpro/Brotli4j
----- LICENSE:
Apache Software License 2.0

```

```

=====
=====
4th Party Component      : paranamer
4th Party Component License: BSD
4th Party Componen      Copyright Notice:
/****
*
* Copyright (c) 2007 Paul Hammant
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above Copyright
* notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above Copyright
* notice, this list of conditions and the following disclaimer in the
* documentation and/or other materials provided with the distribution.
* 3. Neither the name of the Copyright holders nor the names of its
* contributors may be used to endorse or promote products derived from
* this software without specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE Copyright HOLDERS AND CONTRIBUTORS
"AS IS"
* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE Copyright OWNER OR CONTRIBUTORS
BE
* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

```

## Third-Party Notices

---

\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR  
BUSINESS  
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN  
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF  
\* THE POSSIBILITY OF SUCH DAMAGE.  
\*/

=====  
=====

4th Party Component: scala-collection-compat  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

scala-collection-compat  
Copyright (c) 2002-2021 EPFL  
Copyright (c) 2011-2021 Lightbend, Inc.

Scala includes software developed at  
LAMP/EPFL (<https://lamp.epfl.ch/>) and  
Lightbend, Inc. (<https://www.lightbend.com/>).

Licensed under the Apache License, Version 2.0 (the "License").  
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

=====  
=====

4th Party Component : scala-java8-compat  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

scala-java8-compat  
Copyright (c) 2002-2021 EPFL  
Copyright (c) 2011-2021 Lightbend, Inc.

scala-java8-compat includes software developed at  
LAMP/EPFL (<https://lamp.epfl.ch/>) and  
Lightbend, Inc. (<https://www.lightbend.com/>).

Licensed under the Apache License, Version 2.0 (the "License").  
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

=====  
=====

4th Party Component: scala-library  
4th Party Component License: Apache 2.0  
4th Party Component Copyright Notice:

Scala  
 Copyright (c) 2002-2022 EPFL  
 Copyright (c) 2011-2022 Lightbend, Inc.

Scala includes software developed at  
 LAMP/EPFL (<https://lamp.epfl.ch/>) and  
 Lightbend, Inc. (<https://www.lightbend.com/>).

Licensed under the Apache License, Version 2.0 (the "License").  
 Unless required by applicable law or agreed to in writing, software  
 distributed under the License is distributed on an "AS IS" BASIS,  
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
 See the License for the specific language governing permissions and  
 limitations under the License.

This software includes projects with other licenses -- see  
 `doc/LICENSE.md`

```
=====
====
4th Party Component      : scala-logging
4th Party Component      License : Apache 2.0
4th Party Component      Copyright Notice:
```

Copyright 2014-2021 Lightbend, Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
 you may not use this file except in compliance with the License.  
 You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
 distributed under the License is distributed on an "AS IS" BASIS,  
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
 See the License for the specific language governing permissions and  
 limitations under the License.

```
=====
====
4th Party Component:    scala-reflect
4th Party Component    License: Apache 2.0
4th Party Component    Copyright Notice
```

```
/*
 * Scala (https://www.scala-lang.org)
 *
 * Copyright EPFL and Lightbend, Inc.
 *
 * Licensed under Apache License 2.0
 * (http://www.apache.org/licenses/LICENSE-2.0).
 *
 * See the NOTICE file distributed with this work for
 * additional information regarding Copyright ownership.
 */
```

## Third-Party Notices

---

=====  
=====

4th Party Component: slf4j-api  
4th Party Component License: MIT  
4th Party Component Copyright Notice

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
=====

4th Party Component: snappy-java  
4th Party Component License : Apache 2.0  
4th Party Component Copyright Notice:

This product includes software developed by Google  
Snappy: <http://code.google.com/p/snappy/> (New BSD License)

This product includes software developed by Apache  
PureJavaCrc32C from apache-hadoop-common <http://hadoop.apache.org/>  
(Apache 2.0 license)

This library contained statically linked libstdc++. This inclusion is allowed by

""GCC RUnTime Library Exception""  
<http://gcc.gnu.org/onlinedocs/libstdc++/manual/license.html>

== Contributors ==

- \* Tatu Saloranta
- \* Providing benchmark suite
- \* Alec Wysoker
- \* Performance and memory usage improvement

=====  
=====

4th Party Component:

```
-----
zookeeper
zookeeper-jute
-----
```

```
4th Party Component License : Apache 2.0
4th Party Component   Copyright Notice:
-----
```

```
Apache ZooKeeper
Copyright 2009-2021 The Apache Software Foundation
```

```
This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
```

```
This product includes software components originally
developed for Airlift (https://github.com/airlift/airlift),
licensed under the Apache 2.0 license. The licensing terms
for Airlift code can be found at:
https://github.com/airlift/airlift/blob/master/LICENSE
```

```
=====
4th Party Component: zstd-jni
4th Party Component License :
-----
```

```
The code for these JNI bindings is licenced under 2-clause BSD license.
The native Zstd library is licensed under 3-clause BSD license or GPL2.
```

```
*****
*****
```

```
Zstd-jni: JNI bindings to Zstd Library
```

```
Copyright (c) 2015-present, Luben Karavelov/ All rights reserved.
```

```
BSD License
```

```
Redistribution and use in source and binary forms, with or without
modification,
are permitted provided that the following conditions are met:
```

```
* Redistributions of source code must retain the above copyright notice,
this
```

```
list of conditions and the following disclaimer.
```

```
* Redistributions in binary form must reproduce the above copyright
notice, this
```

```
list of conditions and the following disclaimer in the documentation
and/or
```

```
other materials provided with the distribution.
```

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
IS" AND
```

```
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED
```

```
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
```

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*\*\*\*\*

### GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy,

distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "`Program`", below, refers to any such program or work, and a "`work based on the Program`" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "`modification`".) Each licensee is addressed as "`you`".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;  
or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you

---

received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to

refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES

PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along

with this program; if not, write to the Free Software Foundation, Inc.,

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

## Third-Party Notices

---

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

BSD License

For Zstandard software

Copyright (c) 2016-present, Facebook, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

- list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

- \* Neither the name Facebook nor the names of its contributors may be used to

endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."

**The Apache Software Foundation, Guacamole Client, 1.5.3,**

"----- Top-level license -----  
-----"

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
(except as stated in this section) patent license to make, have  
made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

## Third-Party Notices

---

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate

comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

=====  
=====

#### APACHE GUACAMOLE SUBCOMPONENTS

Apache Guacamole includes a number of subcomponents with separate copyright notices and license terms. Your use of these subcomponents is subject to the terms and conditions of the following licenses.

Carlito (<http://code.google.com/p/chromium/issues/detail?id=280557>)

-----  
Version: N/A  
From: 'tyPoland Lukasz Dziejczak' (<http://www.lukaszdziejczak.eu/>)  
License(s):  
    SIL Open Font (guacamole/src/licenses/bundled/carlito/LICENSE)

DuoWeb Java SDK ([https://github.com/duosecurity/duo\\_java](https://github.com/duosecurity/duo_java))

-----  
Version: commit 56570d18a1f98642500e6c1158a3f41e448963ff  
From: 'Duo Security, Inc.' (<https://duo.com/>)  
License(s):  
    BSD 3-clause (extensions/guacamole-auth-  
duo/src/licenses/bundled/duo-java-56570d1/LICENSE)

Copyright (c) 2011, Duo Security, Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

## Third-Party Notices

---

are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

TOTP Reference Implementation (<https://tools.ietf.org/id/draft-mraihi-totp-timebased-07.html#Section-Reference-Impl>)

-----  
-----

Verson: 07

From: 'IETF Trust' (<http://trustee.ietf.org/license-info>)

License(s):

BSD 3-clause (extensions/guacamole-auth-duo/src/licenses/bundled/totp-reference-impl-07/license.txt)

Copyright (c) 2011 IETF Trust and the persons identified as authors of the code. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors, may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS *AS IS*

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Copyright notices -----  
--

Apache Guacamole  
Copyright 2020 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- Fourth-party information -----  
--

== NAME OF DEPENDENCY 1: aopalliance:aopalliance  
== License Type  
Public domain (according to <http://aopalliance.sourceforge.net>)  
== Copyright Notices  
none

----- (separator) -----  
--

== NAME OF DEPENDENCY 2: ch.qos.logback:logback-classic  
== NAME OF DEPENDENCY 3: ch.qos.logback:logback-core  
== License Type  
EPL 1.0 or LGPL 2.1  
== Copyright Notices  
Logback LICENSE

Logback: the reliable, generic, fast and flexible logging framework.  
Copyright (C) 1999-2015, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.

\*\* ECLIPSE PUBLIC LICENSE v1.0 CHOSEN. \*\*

----- (separator) -----  
--

== NAME OF DEPENDENCY 4: com.beust:jcommander  
== License Type

## Third-Party Notices

---

```
Apache 2.0
== Copyright Notices
Copyright 2010 Cedric Beust <cedric@beust.com>
----- (separator) -----
--
== NAME OF DEPENDENCY 5: com.fasterxml.jackson.core:jackson-core
== License Type
Apache 2.0
== Copyright Notices
-- source files
Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi
-- src/main/resources/META-INF/NOTICE
# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and
has
been in development since 2007.
It is currently developed by a community of developers.

## Licensing

Jackson 2.x core and extension components are licensed under Apache
License 2.0
To find the details that apply to this artifact see the accompanying
LICENSE file.

## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is
included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.
----- (separator) -----
--
== NAME OF DEPENDENCY 6: com.fasterxml.jackson.core:jackson-annotations
== License Type
Apache 2.0
== Copyright Notices
Copyright © 2012 fasterxml.com. All Rights Reserved.
----- (separator) -----
--
== NAME OF DEPENDENCY 7: com.fasterxml.jackson.core:jackson-databind
== License Type
Apache 2.0
== Copyright Notices
-- src/main/resources/META-INF/NOTICE
/* Jackson JSON-processor.
 *
 * Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi
 */

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
```

---

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## ## Licensing

Jackson 2.x core and extension components are licensed under Apache 2.0. To find the details that apply to this artifact see the accompanying LICENSE file.

## ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 8: com.fasterxml.jackson.module:jackson-module-jaxb-
annotations
== License Type
Apache 2.0
== Copyright Notices
# Jackson JSON processor
```

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## ## Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

## ## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 9: com.fasterxml.woodstox:woodstox-core
== License Type
Apache 2.0
== Copyright Notices
* Copyright (c) 2004- Tatu Saloranta, tatu.saloranta@iki.fi
*
```

## Third-Party Notices

---

\* Licensed under the License specified in the file LICENSE which is  
\* included with the source code.  
\* You may not use this file except in compliance with the License.  
\*  
\* Unless required by applicable law or agreed to in writing, software  
\* distributed under the License is distributed on an "AS IS" BASIS,  
\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.  
\* See the License for the specific language governing permissions and  
\* limitations under the License.

----- (separator) -----

--

== NAME OF DEPENDENCY 10: com.github.jai-imageio:jai-imageio-core  
== License Type  
BSD 3-clause  
== Copyright Notices  
Copyright (c) 2005 Sun Microsystems, Inc.  
Copyright © 2010-2014 University of Manchester  
Copyright © 2010-2015 Stian Soiland-Reyes  
Copyright © 2015 Peter Hull  
All Rights Reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions  
are met:

- Redistribution of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- Redistribution in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in  
the documentation and/or other materials provided with the  
distribution.

Neither the name of Sun Microsystems, Inc. or the names of  
contributors may be used to endorse or promote products derived  
from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any  
kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND  
WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY  
EXCLUDED. SUN MIDROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL  
NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF  
USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS  
DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR  
ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL,  
CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND  
REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR  
INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE  
POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed or intended for  
use in the design, construction, operation or maintenance of any  
nuclear facility.

--- COPYRIGHT.txt ---

Copyright © 2005 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, U.S.A. All rights reserved.

U.S. Government Rights - Commercial software. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

Use is subject to license terms.

This distribution may include materials developed by third parties.

Sun, Sun Microsystems, the Sun logo and Java are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

This product is covered and controlled by U.S. Export Control laws and may be subject to the export or import laws in other countries. Nuclear, missile, chemical biological weapons or nuclear maritime end uses or end users, whether direct or indirect, are strictly prohibited. Export or reexport to countries subject to U.S. embargo or to entities identified on U.S. export exclusion lists, including, but not limited to, the denied persons and specially designated nationals lists is strictly prohibited.

Copyright © 2005 Sun Microsystems, Inc., 4150 Network Circle, Santa Clara, California 95054, Etats-Unis. Tous droits réservés.

L'utilisation est soumise aux termes de la Licence.

Cette distribution peut comprendre des composants développés par des tierces parties.

Sun, Sun Microsystems, le logo Sun et Java sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays.

Ce produit est soumis à la législation américaine en matière de contrôle des exportations et peut être soumis à la réglementation en vigueur dans d'autres pays dans le domaine des exportations et importations. Les utilisations, ou utilisateurs finaux, pour des armes nucléaires, des missiles, des armes biologiques et chimiques ou du nucléaire maritime, directement ou indirectement, sont strictement interdites. Les exportations ou réexportations vers les pays sous embargo américain, ou vers des entités figurant sur les listes d'exclusion d'exportation américaines, y compris, mais de manière non exhaustive, la liste de personnes qui font objet d'un ordre de ne pas participer, d'une façon directe ou indirecte, aux exportations des produits ou des services qui sont régis par la législation américaine en matière de contrôle des exportations et la liste de ressortissants spécifiquement désignés, sont rigoureusement interdites.

Copyright © 2010-2018 Stian Soiland-Reyes  
Copyright © 2015 Peter Hull  
Copyright © 2010-2018 University of Manchester

## Third-Party Notices

---

Copyright © 2015 Yannick De Turck  
Copyright © 2015 Robin Stevens  
Copyright © 2015 Mark Carroll  
Copyright © 2015 Butch Howard  
Copyright © 2015-2016 Luca Bellonda  
Copyright © 2017 Ghislain Bonamy  
Copyright © 2017 Curtis Rueden  
Copyright © 2017 Roger Leigh  
Copyright © 2017 Mykola Pavluchynskyi  
Copyright © 2017 Sebastien Besson  
Copyright © 2018 Peter Jodeleit

----- (separator) -----

--

== NAME OF DEPENDENCY 11: com.google.code.findbugs:jsr305  
== License Type  
BSD 3-clause  
== Copyright Notices  
Copyright (c) 2007-2009, JSR305 expert group  
All rights reserved.

<http://www.opensource.org/licenses/bsd-license.php>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the JSR305 expert group nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----

--

== NAME OF DEPENDENCY 12: com.google.errorprone:error\_prone\_annotations  
== License Type  
Apache 2.0

```
== Copyright Notices
* Copyright 2018 The Error Prone Authors.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
* See the License for the specific language governing permissions and
* limitations under the License.
----- (separator) -----
--
== NAME OF DEPENDENCY 13: com.google.guava:failureaccess
== NAME OF DEPENDENCY 14: com.google.guava:guava
== NAME OF DEPENDENCY 15: com.google.guava:listenablefuture
== License Type
Apache 2.0
== Copyright Notices
* Copyright (C) 2017 The Guava Authors
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
* See the License for the specific language governing permissions and
* limitations under the License.
----- (separator) -----
--
== NAME OF DEPENDENCY 16: com.google.inject.extensions:guice-
assistedinject
== NAME OF DEPENDENCY 17: com.google.inject.extensions:guice-servlet
== NAME OF DEPENDENCY 18: com.google.inject:guice
== License Type
Apache 2.0
== Copyright Notices
* Copyright (C) 2008 Google Inc.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*   http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
```

## Third-Party Notices

---

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and  
\* limitations under the License.

----- (separator) -----

--

== NAME OF DEPENDENCY 19: com.google.j2objc:j2objc-annotations

== License Type

Apache 2.0

== Copyright Notices

\* Copyright 2012 Google Inc. All Rights Reserved.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* <http://www.apache.org/licenses/LICENSE-2.0>

\*

\* Unless required by applicable law or agreed to in writing, software  
\* distributed under the License is distributed on an "AS IS" BASIS,  
\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

----- (separator) -----

--

== NAME OF DEPENDENCY 20: com.google.zxing:core

== NAME OF DEPENDENCY 21: com.google.zxing:javase

== License Type

Apache 2.0

== Copyright Notices

-----  
NOTICES FOR BARCODE4J  
-----

Barcode4J

Copyright 2002-2010 Jeremias Mørki

Copyright 2005-2006 Dietmar Borkle

Portions of this software were contributed under section 5 of the  
Apache License. Contributors are listed under:

<http://barcode4j.sourceforge.net/contributors.html>

-----  
NOTICES FOR JCOMMANDER  
-----

Copyright 2010 Cedric Beust [cedric@beust.com](mailto:cedric@beust.com)

----- (separator) -----

--

== NAME OF DEPENDENCY 22: com.onelogin:java-saml

== NAME OF DEPENDENCY 23: com.onelogin:java-saml-core

```

== License Type
MIT
== Copyright Notices
Copyright (c) 2010-2016 OneLogin, Inc.

```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```

----- (separator) -----
--
== NAME OF DEPENDENCY 24: commons-codec:commons-codec
== License Type
Apache 2.0
== Copyright Notices
Apache Commons Codec
Copyright 2002-2022 The Apache Software Foundation

```

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java  
contains test data from <http://aspell.net/test/orig/batch0.tab>.  
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

```

=====
=====

```

The content of package org.apache.commons.codec.language.bm has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors.  
Original source copyright:  
Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

```

----- (separator) -----
--
== NAME OF DEPENDENCY 25: jakarta.activation:jakarta.activation-api
== NAME OF DEPENDENCY 26: javax.activation:javax.activation-api

```

## Third-Party Notices

---

== License Type

EDL 1.0

== Copyright Notices

# Notices for Jakarta Activation

This content is produced and maintained by Jakarta Activation project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaf>

## Copyright

All content is the property of the respective authors or their employers.  
For

more information regarding authorship of content, please consult the  
listed  
source code repository logs.

## Declared Project Licenses

This program and the accompanying materials are made available under the  
terms

of the Eclipse Distribution License v. 1.0,  
which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/jaf>

----- (separator) -----

--

== NAME OF DEPENDENCY 27: jakarta.annotation:jakarta.annotation-api

== NAME OF DEPENDENCY 28: javax.annotation:jsr250-api

== License Type

Eclipse Public License - v 2.0

== Copyright Notices

# Notices for Jakarta Annotations

This content is produced and maintained by the Jakarta Annotations  
project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

## Trademarks

Jakarta Annotations is a trademark of the Eclipse Foundation.

## Declared Project Licenses

This program and the accompanying materials are made available under the  
terms

of the Eclipse Public License v. 2.0 which is available at  
<http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made

available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU

General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/common-annotations-api>

## Third-party Content

## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----

--

== NAME OF DEPENDENCY 29: jakarta.validation:jakarta.validation-api

== License Type

Apache 2.0

== Copyright Notices

# Notices for Eclipse Jakarta Bean Validation

This content is produced and maintained by the Eclipse Jakarta Bean Validation project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.bean-validation>

## Trademarks

Jakarta Bean Validation is a trademark of the Eclipse Foundation.

## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

## Third-Party Notices

---

### ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <https://www.apache.org/licenses/LICENSE-2.0>.

SPDX-License-Identifier: Apache-2.0

### ## Source Code

The project maintains the following source code repositories:

- \* [The specification repository] (<https://github.com/eclipse-ee4j/beanvalidation-spec>)
- \* [The API repository] (<https://github.com/eclipse-ee4j/beanvalidation-api>)
- \* [The TCK repository] (<https://github.com/eclipse-ee4j/beanvalidation-tck>)

### ## Third-party Content

This project leverages the following third party content.

Test dependencies:

- \* [TestNG] (<https://github.com/cbeust/testng>) - Apache License 2.0
- \* [JCommander] (<https://github.com/cbeust/jcommander>) - Apache License 2.0
- \* [SnakeYAML] (<https://bitbucket.org/asomov/snakeyaml/src>) - Apache License 2.0

----- (separator) -----

--

== NAME OF DEPENDENCY 30: jakarta.ws.rs:jakarta.ws.rs-api

== License Type

Eclipse Public License - v 2.0

== Copyright Notices

# Notices for Jakarta RESTful Web Services

This content is produced and maintained by the **Jakarta RESTful Web Services** project.

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaxrs>

### ## Trademarks

**Jakarta RESTful Web Services** is a trademark of the Eclipse Foundation.

### ## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

---

## ## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## ## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/jaxrs-api>

## ## Third-party Content

This project leverages the following third party content.

javaee-api (7.0)

\* License: Apache-2.0 AND W3C

JUnit (4.11)

\* License: Common Public License 1.0

Mockito (2.16.0)

\* Project: <http://site.mockito.org>

\* Source: <https://github.com/mockito/mockito/releases/tag/v2.16.0>

## ## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----

--

== NAME OF DEPENDENCY 31: jakarta.xml.bind:jakarta.xml.bind-api

## Third-Party Notices

---

```
== NAME OF DEPENDENCY 32: javax.xml.bind:jaxb-api
== License Type
BSD 3-clause, EDL 1.0
== Copyright Notices
```

Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
""AS
IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED
TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
```

```
--- NOTICE.md
```

```
[//]: # "" Copyright (c) 2018, 2022 Oracle and/or its affiliates. All
rights reserved. ""
[//]: # "" ""
[//]: # "" This program and the accompanying materials are made available
under the ""
[//]: # "" terms of the Eclipse Distribution License v. 1.0, which is
available at ""
[//]: # "" http://www.eclipse.org/org/documents/edl-v10.php. ""
[//]: # "" ""
[//]: # "" SPDX-License-Identifier: BSD-3-Clause ""
```

```
# Notices for Jakarta XML Binding
```

This content is produced and maintained by the Jakarta XML Binding project.

---

\* Project home: <https://projects.eclipse.org/projects/ee4j.jaxb>

## ## Trademarks

Jakarta XML Binding is a trademark of the Eclipse Foundation.

## ## Copyright

All content is the property of the respective authors or their employers.  
For

more information regarding authorship of content, please consult the  
listed

source code repository logs.

## ## Declared Project Licenses

This program and the accompanying materials are made available under the  
terms

of the Eclipse Distribution License v. 1.0 which is available at  
<http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

## ## Source Code

The project maintains the following source code repositories:

\* <https://github.com/eclipse-ee4j/jaxb-api>

\* <https://github.com/eclipse-ee4j/jaxb-tck>

## ## Third-party Content

This project leverages the following third party content.

Apache River (3.0.0)

\* License: Apache-2.0 AND BSD-3-Clause

ASM 7 (n/a)

\* License: BSD-3-Clause

\* Project: <https://asm.ow2.io/>

\* Source:

<https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~kw,versionexpand>

JTHarness (5.0)

\* License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)

\* Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>

\* Source: <http://hg.openjdk.java.net/code-tools/jtharness/>

normalize.css (3.0.2)

\* License: MIT

## Third-Party Notices

---

SigTest (n/a)

\* License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----

--

== NAME OF DEPENDENCY 33: javax.inject:javax.inject

== License Type

Apache 2.0

== Copyright Notices

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

--- \*.java

\* Copyright (C) 2009 The JSR-330 Expert Group

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* <http://www.apache.org/licenses/LICENSE-2.0>

\*

\* Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

----- (separator) -----

--

== NAME OF DEPENDENCY 34: joda-time:joda-time

== License Type

Apache 2.0

```
== Copyright Notices
=====
===
= NOTICE file corresponding to section 4d of the Apache License Version
2.0 =
=====
===
This product includes software developed by
Joda.org (https://www.joda.org/).
----- (separator) -----
--
== NAME OF DEPENDENCY 35: org.apache.commons:commons-collections4
== License Type
Apache 2.0
== Copyright Notices
Apache Commons Collections
Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
----- (separator) -----
--
== NAME OF DEPENDENCY 36: org.apache.commons:commons-lang3
== License Type
Apache 2.0
== Copyright Notices
Apache Commons Lang
Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).
----- (separator) -----
--
== NAME OF DEPENDENCY 37: org.apache.commons:commons-text

== License Type
Apache 2.0

== Copyright Notices

Apache Commons Text
Copyright 2014-2022 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (https://www.apache.org/).
----- (separator) -----
--
== NAME OF DEPENDENCY 38: org.apache.commons:commons-pool2
== License Type
Apache 2.0
== Copyright Notices
Apache Commons Pool
Copyright 2001-2022 The Apache Software Foundation
```

## Third-Party Notices

---

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----

--

== NAME OF DEPENDENCY 39: org.apache.directory.api:api-all

== License Type

Apache 2.0

== Copyright Notices

Apache Directory LDAP API

Copyright 2003-2021 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

----- (separator) -----

--

== NAME OF DEPENDENCY 40: org.apache.mina:mina-core

== License Type

Apache 2.0

== Copyright Notices

Apache MINA

Copyright 2007-2016 The Apache Software Foundation.

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

----- (separator) -----

--

== NAME OF DEPENDENCY 41: org.apache.santuario:xmlsec

== License Type

Apache 2.0

== Copyright Notices

Apache Santuario - XML Security for Java

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

It was originally based on software copyright (c) 2001, Institute for  
Data Communications Systems, <<http://www.nue.et-inf.uni-siegen.de/>>.

The development of this software was partly funded by the European  
Commission in the <WebSig> project in the ISIS Programme.

This product contains software that is  
copyright (c) 2021, Oracle and/or its affiliates.

----- (separator) -----

--

== NAME OF DEPENDENCY 42:

org.apache.servicemix.bundles:org.apache.servicemix.bundlesantlr

== NAME OF DEPENDENCY 43:

org.apache.servicemix.bundles:org.apache.servicemix.bundlesdom4j

== NAME OF DEPENDENCY 44:

org.apache.servicemix.bundles:org.apache.servicemix.bundlesxpp3

== License Type

Apache 2.0

== Copyright Notices

```

=====
== NOTICE file for use with the Apache License, Version 2.0,
==
== in this case for the Apache ServiceMix distribution.
==
=====

```

```

This product contains software developed by
The Apache Software Foundation (http://www.apache.org/).
----- (separator) -----
--

```

```

== NAME OF DEPENDENCY 45: org.bitbucket.b_c:jose4j
== License Type
Apache 2.0
== Copyright Notices
jose4j
Copyright 2012-2015 Brian Campbell

```

EcdsaUsingShaAlgorithm contains code for converting the concatenated R & S values of the signature to and from DER, which was originally derived from the Apache Santuario XML Security library's SignatureECDSA implementation. <http://santuario.apache.org/>

The Base64 implementation in this software was derived from the Apache Commons Codec project. <http://commons.apache.org/proper/commons-codec/>

JSON processing in this software was derived from the JSON.simple toolkit. <https://code.google.com/p/json-simple/>

```

----- (separator) -----
--

```

```

== NAME OF DEPENDENCY 46: org.bouncycastle:bcpkix-jdk15on
== NAME OF DEPENDENCY 47: org.bouncycastle:bcprov-jdk15on
== NAME OF DEPENDENCY 48: org.bouncycastle:bcutil-jdk15on
== License Type
MIT
== Copyright Notices
<html>
<body bgcolor=#ffffff>

```

```

Copyright (c) 2000-2021 The Legion of the Bouncy Castle Inc.
(https://www.bouncycastle.org)
<p>

```

```

Permission is hereby granted, free of charge, to any person obtaining a
copy of this software
and associated documentation files (the ""Software""), to deal in the
Software without restriction,
including without limitation the rights to use, copy, modify, merge,
publish, distribute, sublicense,
and/or sell copies of the Software, and to permit persons to whom the
Software is furnished to do so,
subject to the following conditions:
<p>

```

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

<p>

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

</body>

</html>

----- (separator) -----

--

== NAME OF DEPENDENCY 49: org.checkerframework:checker-qual

== License Type

GPL2 with classpath exception

== Copyright Notices

The Checker Framework

Copyright 2004-present by the Checker Framework developers

Most of the Checker Framework is licensed under the GNU General Public License, version 2 (GPL2), with the classpath exception. The text of this license appears below. This is the same license used for OpenJDK.

A few parts of the Checker Framework have more permissive licenses, notably the parts that you might want to include with your own program.

- \* The annotations and utility files are licensed under the MIT License. (The text of this license also appears below.) This applies to checker-qual\*.jar and checker-util.jar and all the files that appear in them, which is all files in checker-qual and checker-util directories. It also applies to the cleanroom implementations of third-party annotations (in checker/src/testannotations/, framework/src/main/java/org/jmlspecs/, and framework/src/main/java/com/google/).

The Checker Framework includes annotations for some libraries. Those in .astub files use the MIT License. Those in <https://github.com/typetools/jdk> (which appears in the annotated-jdk directory of file checker.jar) use the GPL2 license.

Some external libraries that are included with the Checker Framework distribution have different licenses. Here are some examples.

- \* JavaParser is dual licensed under the LGPL or the Apache license -- you may use it under whichever one you want. (The JavaParser source code contains a file with the text of the GPL, but it is not clear why, since

JavaParser does not use the GPL.) See  
<https://github.com/typetools/stubparser> .

\* Annotation Tools (<https://github.com/typetools/annotation-tools>) uses the MIT license.

\* Libraries in plume-lib (<https://github.com/plume-lib/>) are licensed under the MIT License.

=====  
 =

MIT License:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====  
 =

```
----- (separator) -----
--
== NAME OF DEPENDENCY 50: org.codehaus.woodstox:stax2-api
== License Type
BSD
== Copyright Notices
Copyright (c) 2008 FasterXML LLC info@fasterxml.com
```

This source code is licensed under standard BSD license, which is compatible with all Free and Open Software (OSS) licenses.

```
----- (separator) -----
--
== NAME OF DEPENDENCY 51: org.glassfish.hk2.external:aopalliance-repackaged
== NAME OF DEPENDENCY 52: org.glassfish.hk2.external:jakarta.inject
== NAME OF DEPENDENCY 53: org.glassfish.hk2:guice-bridge
== NAME OF DEPENDENCY 54: org.glassfish.hk2:hk2-api
```

## Third-Party Notices

---

```
== NAME OF DEPENDENCY 55: org.glassfish.hk2:hk2-locator
== NAME OF DEPENDENCY 56: org.glassfish.hk2:hk2-utils
== NAME OF DEPENDENCY 57: org.glassfish.hk2:osgi-resource-locator
== NAME OF DEPENDENCY 58: org.glassfish.jersey.containers:jersey-
container-servlet-core
== NAME OF DEPENDENCY 59: org.glassfish.jersey.core:jersey-client
== NAME OF DEPENDENCY 60: org.glassfish.jersey.core:jersey-common
== NAME OF DEPENDENCY 61: org.glassfish.jersey.core:jersey-server
== NAME OF DEPENDENCY 62: org.glassfish.jersey.ext:jersey-entity-filtering
== NAME OF DEPENDENCY 63: org.glassfish.jersey.inject:jersey-hk2
== NAME OF DEPENDENCY 64: org.glassfish.jersey.media:jersey-media-json-
jackson
== License Type
Eclipse Public License v. 2.0
== Copyright Notices
Notices for Eclipse GlassFish
```

This content is produced and maintained by the Eclipse GlassFish project.

Project home: <https://projects.eclipse.org/projects/ee4j.glassfish>

### Trademarks

Eclipse GlassFish, and GlassFish are trademarks of the Eclipse Foundation.

### Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: GNU General Public License, version 2 with the GNU Classpath Exception which is available at <https://www.gnu.org/software/classpath/license.html>.

SPDX-License-Identifier: EPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0

### Source Code

The project maintains the following source code repositories:

```
https://github.com/eclipse-ee4j/glassfish-ha-api
https://github.com/eclipse-ee4j/glassfish-logging-annotation-processor
https://github.com/eclipse-ee4j/glassfish-shoal
https://github.com/eclipse-ee4j/glassfish-cdi-porting-tck
https://github.com/eclipse-ee4j/glassfish-jsftemplating
https://github.com/eclipse-ee4j/glassfish-hk2-extra
https://github.com/eclipse-ee4j/glassfish-hk2
https://github.com/eclipse-ee4j/glassfish-fightersfish
```

## Third-party Content

This project leverages the following third party content.

None

## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

----- (separator) -----

--

== NAME OF DEPENDENCY: 65: org.jasig.cas.client:cas-client-core

== License Type

Apache 2.0

== Copyright Notices

Licensed to Apereo under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. Apereo licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at the following location:

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

This project includes:

Apache Commons Codec under Apache License, Version 2.0

Apache Log4j under The Apache Software License, Version 2.0

Apache Log4j API under Apache License, Version 2.0

Apache Log4j to SLF4J Adapter under Apache License, Version 2.0

Apache XML Security under The Apache Software License, Version 2.0

Apereo CAS Client for Java under Apache License Version 2.0

asm under BSD-3-Clause

asm-analysis under BSD-3-Clause

asm-commons under BSD-3-Clause

asm-tree under BSD-3-Clause

Bouncy Castle ASN.1 Extension and Utility APIs under Bouncy Castle Licence

Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs under Bouncy Castle Licence

Bouncy Castle Provider under Bouncy Castle Licence

## Third-Party Notices

---

catalina under Apache License, Version 2.0  
coyote under Apache License, Version 2.0  
Eclipse Compiler for Java(TM) under Eclipse Public License - v 2.0  
Ehcache Core under The Apache Software License, Version 2.0  
Hamcrest under BSD License 3  
Hamcrest Core under BSD License 3  
istack common utility code runtime under CDDL 1.1 or GPL2 w/ CPE  
Jackson-annotations under The Apache Software License, Version 2.0  
Jackson-core under The Apache Software License, Version 2.0  
jackson-databind under The Apache Software License, Version 2.0  
Jakarta Annotations API under EPL 2.0 or GPL2 w/ CPE  
Aperero CAS Client for Java - Common Tomcat Integration Support under Apache License Version 2.0  
Aperero CAS Client for Java - Core under Apache License Version 2.0  
Aperero CAS Client for Java - Distributed Proxy Storage Support: EhCache under Apache License Version 2.0  
Aperero CAS Client for Java - Distributed Proxy Storage Support: Memcached under Apache License Version 2.0  
Aperero CAS Client for Java - JBoss Integration under Apache License Version 2.0  
Aperero CAS Client for Java - Jetty Container Integration under Apache License Version 2.0  
Aperero CAS Client for Java - SAML Protocol Support under Apache License Version 2.0  
Aperero CAS Client for Java - Spring Boot Support under Apache License Version 2.0  
Aperero CAS Client for Java - Tomcat 6.x Integration under Apache License Version 2.0  
Aperero CAS Client for Java - Tomcat 7.x Integration under Apache License Version 2.0  
Aperero CAS Client for Java - Tomcat 8.5.x Integration under Apache License Version 2.0  
Aperero CAS Client for Java - Tomcat 8.x Integration under Apache License Version 2.0  
Aperero CAS Client for Java - Tomcat 9.0.x Integration under Apache License Version 2.0  
Java Servlet API under CDDL + GPLv2 with classpath exception  
JavaBeans Activation Framework API jar under CDDL/GPLv2+CE  
javax.annotation API under CDDL + GPLv2 with classpath exception  
JAXB Core under CDDL+GPL License  
jaxb-api under CDDL 1.1 or GPL2 w/ CPE  
JBoss Application Server Tomcat under lgpl  
JCL 1.2 implemented over SLF4J under Apache License, Version 2.0  
Jetty :: Apache JSP Implementation under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0  
Jetty :: Http Utility under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0  
Jetty :: IO Utility under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0  
Jetty :: JNDI Naming under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0  
Jetty :: Plus under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0  
Jetty :: Schemas under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

---

Jetty :: Security under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: Server Core under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: Servlet Annotations under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: Servlet Handling under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: Utilities under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: Utilities :: Ajax(JSON) under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: Webapp Application Support under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

Jetty :: XML utilities under Apache Software License - Version 2.0 or Eclipse Public License - Version 1.0

JUL to SLF4J bridge under MIT License

JUnit under Eclipse Public License 1.0

Logback Classic Module under Eclipse Public License - v 1.0 or GNU Lesser General Public License

Logback Core Module under Eclipse Public License - v 1.0 or GNU Lesser General Public License

MortBay :: Apache EL :: API and Implementation under Apache License Version 2.0

MortBay :: Apache Jasper :: JSP Implementation under Apache License Version 2.0

SLF4J API Module under MIT License

SLF4J Simple Binding under MIT License

SnakeYAML under Apache License, Version 2.0

Spring AOP under Apache License, Version 2.0

Spring Beans under Apache License, Version 2.0

Spring Commons Logging Bridge under Apache License, Version 2.0

Spring Context under Apache License, Version 2.0

Spring Core under Apache License, Version 2.0

Spring Expression Language (SpEL) under Apache License, Version 2.0

Spring TestContext Framework under Apache License, Version 2.0

Spring Web under Apache License, Version 2.0

spring-boot under Apache License, Version 2.0

spring-boot-autoconfigure under Apache License, Version 2.0

spring-boot-configuration-processor under Apache License, Version 2.0

spring-boot-starter under Apache License, Version 2.0

spring-boot-starter-logging under Apache License, Version 2.0

spring-security-cas under Apache License, Version 2.0

spring-security-core under Apache License, Version 2.0

spring-security-crypto under Apache License, Version 2.0

spring-security-web under Apache License, Version 2.0

Spymemcached under The Apache Software License, Version 2.0

tomcat-annotations-api under Apache License, Version 2.0

tomcat-catalina under Apache License, Version 2.0

tomcat-coyote under Apache License, Version 2.0

tomcat-el-api under Apache License, Version 2.0

tomcat-embed-core under Apache License, Version 2.0

tomcat-jaspic-api under Apache License, Version 2.0

tomcat-jni under Apache License, Version 2.0

tomcat-jsp-api under Apache License, Version 2.0

tomcat-util-scan under Apache License, Version 2.0

## Third-Party Notices

---

```
TXW2 Runtime under Eclipse Distribution License - v 1.0
----- (separator) -----
--
== NAME OF DEPENDENCY 66: org.javassist:javassist
== License Type
Mozilla Public License Version 1.1, LGPL 2.1 or later, or Apache 2.0
== Copyright Notices
Copyright (C) 1999-2022 by Shigeru Chiba, All rights reserved.
```

Javassist (JAVA programming ASSISTant) makes Java bytecode manipulation simple. It is a class library for editing bytecodes in Java; it enables Java programs to define a new class at runtime and to modify a class file when the JVM loads it. Unlike other similar bytecode editors, Javassist provides two levels of API: source level and bytecode level. If the users use the source-level API, they can edit a class file without knowledge of the specifications of the Java bytecode. The whole API is designed with only the vocabulary of the Java language. You can even specify inserted bytecode in the form of source text; Javassist compiles it on the fly. On the other hand, the bytecode-level API allows the users to directly edit a class file as other editors.

This software is distributed under the Mozilla Public License Version 1.1, the GNU Lesser General Public License Version 2.1 or later, or the Apache License Version 2.0.

```
--- License.html
<HTML>
<HEAD>
<TITLE>Javassist License</TITLE>
<META http-equiv=Content-Type content=""text/html; charset=iso-8859-1"">
<META content=""MSHTML 5.50.4916.2300"" name=GENERATOR></HEAD>

<BODY text=#000000 vLink=#551a8b aLink=#ff0000 link=#0000ee
bgColor=#ffffff>
<CENTER><B><FONT size=+2>MOZILLA PUBLIC LICENSE</FONT></B> <BR><B>Version
1.1</B>
<P>
<HR width=""20%"">
</CENTER>
<P><B>1. Definitions.</B>
<UL><B>1.0.1. ""Commercial Use"" </B>means distribution or otherwise
making the
    Covered Code available to a third party.
    <P><B>1.1. ''Contributor''</B> means each entity that creates or
contributes
    to the creation of Modifications.
    <P><B>1.2. ''Contributor Version''</B> means the combination of the
Original
    Code, prior Modifications used by a Contributor, and the Modifications
made by
    that particular Contributor.
    <P><B>1.3. ''Covered Code''</B> means the Original Code or Modifications
or
    the combination of the Original Code and Modifications, in each case
including
    portions thereof<B>.</B>
```

<P><B>1.4. 'Electronic Distribution Mechanism'</B> means a mechanism generally accepted in the software development community for the electronic transfer of data.

<P><B>1.5. 'Executable'</B> means Covered Code in any form other than Source Code.

<P><B>1.6. 'Initial Developer'</B> means the individual or entity identified as the Initial Developer in the Source Code notice required by <B>Exhibit A</B>.

<P><B>1.7. 'Larger Work'</B> means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

<P><B>1.8. 'License'</B> means this document.

<P><B>1.8.1. "'Licensable'"</B> means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

<P><B>1.9. 'Modifications'</B> means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

<UL><B>A.</B> Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

<P><B>B.</B> Any new file that contains any part of the Original Code or previous Modifications. <BR>&nbsp;</P></UL><B>1.10. 'Original Code'</B>

means Source Code of computer software code which is described in the Source Code notice required by <B>Exhibit A</B> as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

<P><B>1.10.1. "'Patent Claims'"</B> means any patent claim(s), now owned or hereafter acquired, including without limitation, &nbsp; method, process, and apparatus claims, in any patent Licensable by grantor.

<P><B>1.11. 'Source Code'</B> means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and

installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the

Contributor's choice. The Source Code can be in a compressed or archival form,

## Third-Party Notices

---

provided the appropriate decompression or de-archiving software is widely available for no charge.

**1.12. "You" (or "Your")** means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of

such entity.

**2. Source Code License.**  
**2.1. The Initial Developer Grant.** The Initial Developer hereby

grants You a world-wide, royalty-free, non-exclusive license, subject to third

party intellectual property claims:

(a) under intellectual property rights (other than

patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is

granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the

modification of the Original Code or ii) the combination of the Original

Code with other software or devices.

**2.2. Contributor**

**Grant.** Subject to third party intellectual property claims, each

Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

- (a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and
- (b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).
- (c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.
- (d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software; (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

**3. Distribution Obligations.**

- 3.1. Application of License.** The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section **2.2**. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section **6.1**, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the

## Third-Party Notices

---

recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section **3.5**.

**3.2. Availability of Source Code.** Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

**3.3. Description of Modifications.** You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

**3.4. Intellectual Property Matters**

- (a) Third Party Claims.** If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "'LEGAL'" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably



## Third-Party Notices

---

under the terms of this License, including a description of how and where You have fulfilled the obligations of Section **3.2**. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

**3.7. Larger Works.** You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

**4. Inability to Comply Due to Statute or Regulation.** If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section **3.4** and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

**5. Application of this License.** This License applies to code to which the Initial Developer has attached the notice in **Exhibit A** and to related Covered Code.

**6. Versions**



## Third-Party Notices

---

termination of this License. Provisions which, by their nature, must remain in

effect beyond the termination of this License shall survive.

**8.2.** If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial

Developer or a Contributor (the Initial Developer or Contributor against whom

You file such action is referred to as "Participant") alleging that:

**(a)** such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon

60 days notice from Participant terminate prospectively, unless if within 60

days after receipt of notice You either: (i) agree in writing to pay

Participant a mutually agreeable reasonable royalty for Your past and future

use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or

the litigation claim is not withdrawn, the rights granted by Participant to

You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of

the 60 day notice period specified above.

**(b)** any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections

2.1(b) and 2.2(b) are revoked effective as of the date You first made, used,

sold, distributed, or had made, Modifications made by that Participant.

**8.3.** If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or

indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

**8.4.** In the event of termination under Sections 8.1 or 8.2

above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder

prior to termination shall survive termination.

**9. LIMITATION OF**

**LIABILITY.** UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING

NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.</UL><B>10. U.S. GOVERNMENT END USERS.</B><UL>The Covered Code is a 'commercial item,' as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of 'commercial computer software' and 'commercial computer software documentation,' as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.</UL><B>11. MISCELLANEOUS.</B><UL>This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of

## Third-Party Notices

---

a contract shall be construed against the drafter shall not apply to this

License.</UL><B>12. RESPONSIBILITY FOR CLAIMS.</B>

<UL>As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its

utilization of rights under this License and You agree to work with Initial

Developer and Contributors to distribute such responsibility on an equitable

basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.</UL><B>13. MULTIPLE-LICENSED CODE.</B>

<UL>Initial Developer may designate portions of the Covered Code as

"Multiple-Licensed".&nbsp; "Multiple-Licensed" means that the Initial

Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.</UL>

<P><BR><B>EXHIBIT A -Mozilla Public License.</B>

<UL>The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance

with the License. You may obtain a copy of the License at

<BR><http://www.mozilla.org/MPL/>

<P>Software distributed under the License is distributed on an "AS IS" basis,

WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

<P>The Original Code is Javassist.

<P>The Initial Developer of the Original Code is Shigeru Chiba.

Portions created by the Initial Developer are<BR>&nbsp;

Copyright (C) 1999- Shigeru Chiba. All Rights Reserved.

<P>Contributor(s): Bill Burke, Jason T. Greene.

<p>Alternatively, the contents of this software may be used under the terms of the GNU Lesser General Public License Version 2.1 or later (the "LGPL"), or the Apache License Version 2.0 (the "AL"), in which case the provisions of the LGPL or the AL are applicable instead of those above. If you wish to allow use of your version of this software only under the terms of either the LGPL or the AL, and not to allow others to

use your version of this software under the terms of the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the LGPL or the AL. If you do not

delete the provisions above, a recipient may use your version of this software under the terms of any one of the MPL, the LGPL or the AL.</p>

<p>If you obtain this software as part of JBoss,

the contents of this software may be used under only the terms of the LGPL.

To use them under the MPL, you must obtain a separate package including only

Javassist but not the other part of JBoss.</p>

```
<p>All the contributors to the original source tree have agreed to the
original
license term described above.</p>
```

```
<P></P></UL>
</BODY>
</HTML>
```

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 67: org.mybatis:mybatis
```

```
== License Type
```

```
Apache 2.0
```

```
== Copyright Notices
```

```
iBATIS
```

```
This product includes software developed by
The Apache Software Foundation (https://www.apache.org/).
```

```
Copyright 2010 The Apache Software Foundation
```

```
Licensed under the Apache License, Version 2.0 (the ""License "");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
```

```
https://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an ""AS IS"" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
```

```
See the License for the specific language governing permissions and
limitations under the License.
```

```
OGNL
```

```
//-----
```

```
--
```

```
// Copyright (c) 2004, Drew Davidson and Luke Blanshard
```

```
// All rights reserved.
```

```
//
```

```
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
```

```
//
```

```
// Redistributions of source code must retain the above copyright notice,
// this list of conditions and the following disclaimer.
```

```
// Redistributions in binary form must reproduce the above copyright
// notice, this list of conditions and the following disclaimer in the
// documentation and/or other materials provided with the distribution.
```

```
// Neither the name of the Drew Davidson nor the names of its
```

```
contributors
```

```
// may be used to endorse or promote products derived from this software
// without specific prior written permission.
```

```
//
```

```
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
// FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
```

## Third-Party Notices

---

```
// COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,  
// INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,  
// BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS  
// OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
// AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,  
// OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF  
// THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH  
// DAMAGE.  
//-----  
--
```

Refactored SqlBuilder class (SQL, AbstractSQL)

This product includes software developed by  
Adam Gent (<https://gist.github.com/3650165>)

Copyright 2010 Adam Gent

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

```
----- (separator)-----  
--
```

```
== NAME OF DEPENDENCY 68: org.mybatis:mybatis-guice  
== License Type  
Apache 2.0  
== Copyright Notices  
MyBatis-Guice  
Copyright 2010-2013
```

This product includes software developed by  
The MyBatis Team (<http://www.mybatis.org/>).

iBatis

This product includes software developed by  
The Apache Software Foundation (<http://www.apache.org/>).

Copyright 2010 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Google Guice

Copyright 2010 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----

--

== NAME OF DEPENDENCY 69: org.slf4j:jul-to-slf4j

== NAME OF DEPENDENCY 70: org.slf4j:slf4j-api

== License Type

MIT

== Copyright Notices

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----

--

== NAME OF DEPENDENCY 71: org.yaml:snakeyaml

== License Type

## Third-Party Notices

---

Apache 2.0

== Copyright Notices

```
/**
 * Copyright (c) 2008, SnakeYAML
 *
 * Licensed under the Apache License, Version 2.0 (the "License"); you
 may not use this file except
 * in compliance with the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 distributed under the License
 * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS
 OF ANY KIND, either express
 * or implied. See the License for the specific language governing
 permissions and limitations under
 * the License.
 */
```

----- (separator) -----

--

```
== NAME OF DEPENDENCY 72: com.fasterxml.jackson.dataformat:jackson-
dataformat-yaml
== License Type
Apache 2.0
== Copyright Notices
# Jackson JSON processor
```

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

Jackson components are licensed under Apache (Software) License, version 2.0, as per accompanying LICENSE file.

## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

----- (separator) -----

--

---

```
== NAME OF DEPENDENCY 73: com.keepersecurity.secrets-manager:core
```

```
== License Type
MIT
```

```
== Copyright Notices
```

```
MIT License
```

```
Copyright (c) 2021 Keeper Security
```

```
Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the ""Software""), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
```

```
The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.
```

```
THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE
SOFTWARE.
```

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 74: org.jetbrains.kotlinx:kotlinx-serialization-
json-jvm
```

```
== NAME OF DEPENDENCY 75: org.jetbrains.kotlinx:kotlinx-serialization-
core-jvm
```

```
== License Type
Apache 2.0
```

```
== Copyright Notices
```

```
/*
```

```
 * Copyright 2017-2022 JetBrains s.r.o. Use of this source code is
governed by the Apache 2.0 license.
```

```
*/
```

```
----- (separator) -----
```

```
--
```

## Third-Party Notices

---

```
== NAME OF DEPENDENCY 76: org.jetbrains.kotlin:kotlin-reflect
== NAME OF DEPENDENCY 77: org.jetbrains.kotlin:kotlin-stdlib
== NAME OF DEPENDENCY 78: org.jetbrains.kotlin:kotlin-stdlib-common
== NAME OF DEPENDENCY 79: org.jetbrains.kotlin:kotlin-stdlib-jdk8
== NAME OF DEPENDENCY 80: org.jetbrains.kotlin:kotlin-stdlib-jdk7
```

```
== License Type
```

```
Apache 2.0
```

```
== Copyright Notices
```

```
/*
 * Copyright 2010-2023 JetBrains s.r.o. and Kotlin Programming Language
 contributors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

```
----- (separator) -----
```

```
--
```

```
== NAME OF DEPENDENCY 81: org.jetbrains:annotations
```

```
== License Type
```

```
Apache 2.0
```

```
== Copyright Notices
```

```
/*
 * Copyright 2000-2021 JetBrains s.r.o.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 * https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

```
----- (separator) -----
--
== NAME OF DEPENDENCY 82: org.bouncycastle:bc-fips

== License Type
MIT

== Copyright Notices
<html>
<body bgcolor=#ffffff>

Copyright (c) 2000-2021 The Legion of the Bouncy Castle Inc.
(https://www.bouncycastle.org)
<p>
Permission is hereby granted, free of charge, to any person obtaining a
copy of this software
and associated documentation files (the ""Software""), to deal in the
Software without restriction,
including without limitation the rights to use, copy, modify, merge,
publish, distribute, sublicense,
and/or sell copies of the Software, and to permit persons to whom the
Software is furnished to do so,
subject to the following conditions:
<p>
The above copyright notice and this permission notice shall be included in
all copies or substantial
portions of the Software.
<p>
THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR
PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
HOLDERS BE
LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF
CONTRACT, TORT OR
OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE
USE OR OTHER
DEALINGS IN THE SOFTWARE.
</body>
</html>

----- (separator) -----
--
== LICENSES
.
== Text of license (Eclipse Public License - v 2.0)
# Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS
ECLIPSE
    PUBLIC LICENSE (""AGREEMENT""). ANY USE, REPRODUCTION OR
DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS
AGREEMENT.
```

### 1. DEFINITIONS

""Contribution"" means:

a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution ""originates"" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf.

Contributions do not include changes or additions to the Program that are not Modified Works.

""Contributor"" means any person or entity that Distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions Distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program.

Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available

in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

## 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

- a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and
- b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
  - i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and
  - iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product

offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS

## Third-Party Notices

---

SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its

Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient.

No third-party beneficiary rights are created under this Agreement.

#### Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

## The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software-- to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the

freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you

want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone

to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis

or for a fee, you must give the recipients all the rights that you have.

You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we

want its recipients to know that what they have is not the original, so

that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents.

We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must

be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under

the terms of this General Public License. The ""Program"", below, refers

---

to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

(Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program

is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
  - b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
  - c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any

associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and

any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

## NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,

EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE

ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR

DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER

OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

## How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey

the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to
redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

---

## ## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

== Text of license (GPL2 with classpath exception)  
The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish),

## Third-Party Notices

---

that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of

this General Public License. The ""Program"", below, refers to any such program or work, and a ""work based on the Program"" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term ""modification"". ) Each licensee is addressed as ""you"".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run,

## Third-Party Notices

---

you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to

give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program

## Third-Party Notices

---

or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to

distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE

## Third-Party Notices

---

STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT

ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.
```

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
signature of Ty Coon, 1 April 1989
```

```
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

""CLASSPATH"" EXCEPTION TO THE GPL

## Third-Party Notices

---

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words `""Oracle designates this particular file as subject to the ""Classpath""` exception as provided by Oracle in the LICENSE file that accompanied this code.

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

== Text of license (EDL 1.0)  
Eclipse Distribution License - v 1.0  
Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS `""AS IS""` AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Text of license (LGPL 2.1)

GNU LESSER GENERAL PUBLIC LICENSE  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling

it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU

---

operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the

Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception,

the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent

infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these,

write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

## Third-Party Notices

---

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!

== Text of license (Eclipse Public License - v 1.0)

Eclipse Public License - v 1.0  
THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

### 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

## 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:

## Third-Party Notices

---

- i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
- ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
- iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
- iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

## 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial

Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

## Third-Party Notices

---

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation."

The Apache Software Foundation, Commons Lang, 3.13.0, "NOTICE:  
Apache Commons Lang  
Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

LICENSE: Apache 2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the

outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License."

The Apache Software Foundation, Commons IO, 2.15.0, "Apache Commons IO  
Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

--

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

## Third-Party Notices

---

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

**The Apache Software Foundation, pulsar-client-go, 0.11.0,**

----- Top-Level License -----

-----

SPDX:Apache-2.0

----- Copyright -----

-----

Copyright (C) 2013 Blake Mizerany  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2012-2018 Mat Ryer and Tyler Bunnell  
Copyright (c) 2014 Simon Eskildsen  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>  
Copyright (c) 2015, Pierre Curto  
Copyright (c) 2016, Datadog <info@datadoghq.com>  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 Klaus Post. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 Keith Rarick  
Copyright 2013, SÉbastien Paolacci.  
Copyright 2014 Alan Shreve  
Copyright 2017-2019 The Apache Software Foundation

----- Notices -----

-----

Apache Pulsar  
Copyright 2017-2019 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/99designs/keyring

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 99designs

----- (separator) -----  
-----

== Dependency  
github.com/AthenZ/athenz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
Copyright 2015 Yahoo Inc.  
Copyright 2015 Yahoo Inc. <https://github.com/ardielle>  
Copyright 2016 Yahoo Inc.  
Copyright 2016 Yahoo Inc. Licensed under the terms of the  
Copyright 2016 Yahoo Inc. Licensed under the terms of the Apache version  
2.0 license. See LICENSE file for terms. Common name types used by several  
API definitions A simple identifier, an element of compound name.""")  
Copyright 2016 Yahoo Inc. Licensed under the terms of the Apache version  
2.0 license. See LICENSE file for terms. The Authorization Management  
Service (ZMS) Classes""")  
Copyright 2016 Yahoo Inc. Licensed under the terms of the Apache version  
2.0 license. See LICENSE file for terms. The Authorization Token Service  
(ZTS) API""")  
Copyright 2017 Oath Inc.  
Copyright 2017 Oath, Inc.  
Copyright 2017 Yahoo Holdings, Inc.  
Copyright 2017 Yahoo Inc.  
Copyright 2018 Oath Inc.  
Copyright 2018 Oath, Inc.

## Third-Party Notices

---

Copyright 2018 Yahoo Holdings, Inc.  
Copyright 2019 Oath Holdings Inc.  
Copyright 2019 Oath Holdings, Inc.  
Copyright 2020 Verizon Media  
Copyright 2021 Athenz Authors

----- (separator) -----  
-----

== Dependency  
github.com/DataDog/zstd

== License Type  
Simplified BSD License

Copyright (c) 2016, Datadog <info@datadoghq.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its  
contributors  
may be used to endorse or promote products derived from this  
software  
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2016, Datadog <info@datadoghq.com>

----- (separator) -----  
-----

== Dependency

github.com/ardielle/ardielle-go

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Yahoo Inc.

Copyright 2018 Lee Boynton (lee@boynton.com, github.com/boynton)

----- (separator) -----  
-----

== Dependency

github.com/beorn7/perks

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency

github.com/bits-and-blooms/bitset

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2014 Will Fitzgerald. All rights reserved.

Copyright 2014 Will Fitzgerald. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/bmizerany/perks

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency

github.com/cespare/xxhash/v2

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/dvsekhvalnov/jose2go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014

----- (separator) -----  
-----

== Dependency  
github.com/godbus/dbus

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013, Georg Reinke (<guelfey at gmail dot com>), Google

----- (separator) -----  
-----

== Dependency  
github.com/golang-jwt/jwt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Dave Grijalva  
Copyright (c) 2021 golang-jwt maintainers

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/snappy

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2016 The Snappy-Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gsterjov/go-libsecret

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Goran Sterjov

----- (separator) -----  
-----

== Dependency  
github.com/klauspost/compress

== License Type  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2019 Klaus Post. All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.

## Third-Party Notices

---

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----

Files: gzhttp/\*

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

## Third-Party Notices

---

Copyright 2016-2017 The New York Times Company

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

-----  
Files: s2/cmd/internal/readahead/\*

The MIT License (MIT)

Copyright (c) 2015 Klaus Post

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE.

-----  
Files: snappy/\*  
Files: internal/snapref/\*

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----

Files: s2/cmd/internal/filepathx/\*

Copyright 2016 The filepathx Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.\n"+

## Third-Party Notices

---

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013, Yann Collet, released under BSD License.  
Copyright (c) 2015 Klaus Post  
Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE file.  
Copyright (c) 2016 Caleb Spare  
Copyright (c) 2016 Caleb Spare.  
Copyright (c) 2019 Klaus Post. All rights reserved.  
Copyright (c) 2019+ Klaus Post. All rights reserved.\n\n")  
Copyright (c) 2021 Klaus Post. All rights reserved.  
Copyright (c) 2022+ Klaus Post. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2016 The Snappy-Go Authors. All rights reserved.  
Copyright 2016 The filepathx Authors  
Copyright 2016-2017 The New York Times Company  
Copyright 2018 Klaus Post. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019+ Klaus Post. All rights reserved.  
Copyright 2020+ Klaus Post. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/linkedin/goavro/v2

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2017 LinkedIn Corp. Licensed under the Apache License,

----- (separator) -----  
-----

== Dependency

github.com/matttproud/golang\_protobuf\_extensions

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/mtibben/percent

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Michael Tibben

----- (separator) -----  
-----

== Dependency  
github.com/opentracing/opentracing-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The OpenTracing Authors

----- (separator) -----  
-----

== Dependency  
github.com/pierrec/lz4

== License Type  
Copyright (c) 2015, Pierre Curto  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

\* Neither the name of xxHash nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

## Third-Party Notices

---

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015, Pierre Curto

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_golang

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

## == Notices

Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

## == Dependency

[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

## == Notices

Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

## == Dependency

[github.com/prometheus/common](https://github.com/prometheus/common)

## == License Type

## Third-Party Notices

---

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

### == Notices

Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[github.com/prometheus/procfs](https://github.com/prometheus/procfs)

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors

### == Notices

procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[github.com/sirupsen/logrus](https://github.com/sirupsen/logrus)

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/spaolacci/murmur3

== License Type  
Copyright 2013, SÈbastien Paolacci.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the library nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written

permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright 2013, SÈbastien Paolacci.  
Copyright 2013, SÈbastien Paolacci. All rights reserved.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/spf13/cobra

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2022 The Cobra Authors

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

## Third-Party Notices

---

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/oauth2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

---

Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

## Third-Party Notices

---

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent

rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

----- (separator) -----  
-----  
== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative

Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

## Third-Party Notices

---

(b) You must cause any modified files to carry prominent notices stating that  
You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the  
Source form of the Work, excluding those notices that do not pertain to any  
part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution,  
then any Derivative Works that You distribute must include a readable copy of  
the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least  
one of the following places: within a NOTICE text file distributed as part of  
the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.  
The contents of the NOTICE file are for informational purposes only and do not  
modify the License. You may add Your own attribution notices within Derivative  
Works that You distribute, alongside or as an addendum to the NOTICE text from  
the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide  
additional or different license terms and conditions for use, reproduction, or  
distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise  
complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

## Third-Party Notices

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 =====  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**The Apache Software Foundation, Apache HTTP Server, 2.4.58,"** -----

----- Top-level license -----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.



- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

## Third-Party Notices

---

### APACHE HTTP SERVER SUBCOMPONENTS:

The Apache HTTP Server includes a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.

For the `mod_mime_magic` component:

```
/*
 * mod_mime_magic: MIME type lookup via file magic numbers
 * Copyright (c) 1996-1997 Cisco Systems, Inc.
 *
 * This software was submitted by Cisco Systems to the Apache Group in
July
 * 1997. Future revisions and derivatives of this source code must
 * acknowledge Cisco Systems as the original contributor of this module.
 * All other licensing and usage conditions are those of the Apache Group.
 *
 * Some of this code is derived from the free version of the file command
 * originally posted to comp.sources.unix. Copyright info for that
program
 * is included below as required.
 * -----
-----
 * - Copyright (c) Ian F. Darwin, 1987. Written by Ian F. Darwin.
 *
 * This software is not subject to any license of the American Telephone
and
 * Telegraph Company or of the Regents of the University of California.
 *
 * Permission is granted to anyone to use this software for any purpose on
any
 * computer system, and to alter it and redistribute it freely, subject to
 * the following restrictions:
 *
 * 1. The author is not responsible for the consequences of use of this
 * software, no matter how awful, even if they arise from flaws in it.
 *
 * 2. The origin of this software must not be misrepresented, either by
 * explicit claim or by omission. Since few users ever read sources,
credits
 * must appear in the documentation.
 *
 * 3. Altered versions must be plainly marked as such, and must not be
 * misrepresented as being the original software. Since few users ever
read
 * sources, credits must appear in the documentation.
 *
 * 4. This notice may not be removed or altered.
 * -----
--
 *
 */
```

For the modules\mappers\mod\_imagemap.c component:

```
    "macmartinized" polygon code copyright 1992 by Eric Haines,
    erich@eye.com
```

For the server\util\_md5.c component:

```

/*****
 * NCSA HTTPd Server
 * Software Development Group
 * National Center for Supercomputing Applications
 * University of Illinois at Urbana-Champaign
 * 605 E. Springfield, Champaign, IL 61820
 * httpd@ncsa.uiuc.edu
 *
 * Copyright (C) 1995, Board of Trustees of the University of Illinois
 *
 *****/
 * md5.c: NCSA HTTPd code which uses the md5c.c RSA Code
 *
 * Original Code Copyright (C) 1994, Jeff Hostetler, Spyglass, Inc.
 * Portions of Content-MD5 code Copyright (C) 1993, 1994 by Carnegie
Mellon
 * University (see Copyright below).
 * Portions of Content-MD5 code Copyright (C) 1991 Bell Communications
 * Research, Inc. (Bellcore) (see Copyright below).
 * Portions extracted from mpack, John G. Myers - jgm+@cmu.edu
 * Content-MD5 Code contributed by Martin Hamilton (martin@net.lut.ac.uk)
 *
 */

/* these portions extracted from mpack, John G. Myers - jgm+@cmu.edu */
/* (C) Copyright 1993,1994 by Carnegie Mellon University
 * All Rights Reserved.
 *
 * Permission to use, copy, modify, distribute, and sell this software
 * and its documentation for any purpose is hereby granted without
 * fee, provided that the above copyright notice appear in all copies
 * and that both that copyright notice and this permission notice
 * appear in supporting documentation, and that the name of Carnegie
 * Mellon University not be used in advertising or publicity
 * pertaining to distribution of the software without specific,
 * written prior permission. Carnegie Mellon University makes no
 * representations about the suitability of this software for any
 * purpose. It is provided "as is" without express or implied
 * warranty.
 *
 * CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO
 * THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
 * AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE
 * FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
 * WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN
 * AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING
 * OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS

```

## Third-Party Notices

---

```
* SOFTWARE.  
*/  
  
/*  
* Copyright (c) 1991 Bell Communications Research, Inc. (Bellcore)  
*  
* Permission to use, copy, modify, and distribute this material  
* for any purpose and without fee is hereby granted, provided  
* that the above copyright notice and this permission notice  
* appear in all copies, and that the name of Bellcore not be  
* used in advertising or publicity pertaining to this  
* material without the specific, prior written permission  
* of an authorized representative of Bellcore.  BELLCORE  
* MAKES NO REPRESENTATIONS ABOUT THE ACCURACY OR SUITABILITY  
* OF THIS MATERIAL FOR ANY PURPOSE.  IT IS PROVIDED ""AS IS"",  
* WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES.  
*/
```

For the util\_pcre.c and ap\_regex.h components:

Copyright (c) 1997-2004 University of Cambridge

-----  
---  
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice, this list of conditions and the following disclaimer in the  
documentation and/or other materials provided with the distribution.
- \* Neither the name of the University of Cambridge nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
IS""

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF  
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS  
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN  
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE  
POSSIBILITY OF SUCH DAMAGE.

-----  
---

---

For the srclib\apr\include\apr\_md5.h component:

```
/*
 * This work is derived from material Copyright RSA Data Security, Inc.
 *
 * The RSA copyright statement and Licence for that original material is
 * included below. This is followed by the Apache copyright statement and
 * licence for the modifications made to that material.
 */
```

```
/* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All
rights reserved.
```

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

```
*/
```

For the srclib\apr\passwd\apr\_md5.c component:

```
/*
 * This work is derived from material Copyright RSA Data Security, Inc.
 *
 * The RSA copyright statement and Licence for that original material is
 * included below. This is followed by the Apache copyright statement and
 * licence for the modifications made to that material.
 */
```

```
/* MD5C.C - RSA Data Security, Inc., MD5 message-digest algorithm
*/
```

```
/* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All
rights reserved.
```

License to copy and use this software is granted provided that it is identified as the "RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material mentioning or referencing this software or this function.

License is also granted to make and use derivative works provided that such works are identified as "derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm" in all material

## Third-Party Notices

---

mentioning or referencing the derived work.

RSA Data Security, Inc. makes no representations concerning either the merchantability of this software or the suitability of this software for any particular purpose. It is provided "as is" without express or implied warranty of any kind.

These notices must be retained in any copies of any part of this documentation and/or software.

```
*/
/*
* The apr_md5_encode() routine uses much code obtained from the FreeBSD
3.0
* MD5 crypt() function, which is licenced as follows:
* -----
-----
* "THE BEER-WARE LICENSE" (Revision 42):
* <phk@login.dknet.dk> wrote this file. As long as you retain this
notice you
* can do whatever you want with this stuff. If we meet some day, and you
think
* this stuff is worth it, you can buy me a beer in return. Poul-Henning
Kamp
* -----
-----
*/
```

For the srclib\apr-util\crypto\apr\_md4.c component:

```
* This is derived from material copyright RSA Data Security, Inc.
* Their notice is reproduced below in its entirety.
*
* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All
* rights reserved.
*
* License to copy and use this software is granted provided that it
* is identified as the "RSA Data Security, Inc. MD4 Message-Digest
* Algorithm" in all material mentioning or referencing this software
* or this function.
*
* License is also granted to make and use derivative works provided
* that such works are identified as "derived from the RSA Data
* Security, Inc. MD4 Message-Digest Algorithm" in all material
* mentioning or referencing the derived work.
*
* RSA Data Security, Inc. makes no representations concerning either
* the merchantability of this software or the suitability of this
* software for any particular purpose. It is provided "as is"
* without express or implied warranty of any kind.
*
* These notices must be retained in any copies of any part of this
* documentation and/or software.
*/
```

For the srclib\apr-util\include\apr\_md4.h component:

```
*
* This is derived from material copyright RSA Data Security, Inc.
* Their notice is reproduced below in its entirety.
*
* Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All
* rights reserved.
*
* License to copy and use this software is granted provided that it
* is identified as the "RSA Data Security, Inc. MD4 Message-Digest
* Algorithm" in all material mentioning or referencing this software
* or this function.
*
* License is also granted to make and use derivative works provided
* that such works are identified as "derived from the RSA Data
* Security, Inc. MD4 Message-Digest Algorithm" in all material
* mentioning or referencing the derived work.
*
* RSA Data Security, Inc. makes no representations concerning either
* the merchantability of this software or the suitability of this
* software for any particular purpose. It is provided "as is"
* without express or implied warranty of any kind.
*
* These notices must be retained in any copies of any part of this
* documentation and/or software.
*/
```

For the srclib\apr-util\test\testmd4.c component:

```
*
* This is derived from material copyright RSA Data Security, Inc.
* Their notice is reproduced below in its entirety.
*
* Copyright (C) 1990-2, RSA Data Security, Inc. Created 1990. All
* rights reserved.
*
* RSA Data Security, Inc. makes no representations concerning either
* the merchantability of this software or the suitability of this
* software for any particular purpose. It is provided "as is"
* without express or implied warranty of any kind.
*
* These notices must be retained in any copies of any part of this
* documentation and/or software.
*/
```

For the test\zb.c component:

```
/*
           ZeusBench V1.01
           =====
```

This program is Copyright (C) Zeus Technology Limited 1996.

This program may be used and copied freely providing this copyright notice is not removed.

This software is provided "as is" and any express or implied warranties,

## Third-Party Notices

---

including but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall Zeus Technology Ltd. be liable for any direct, indirect, incidental, special, exemplary, or consequential damaged (including, but not limited to, procurement of substitute good or services; loss of use, data, or profits; or business interruption) however caused and on theory of liability. Whether in contract, strict liability or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

\*/

----- Copyright notices -----  
--

NOTICE

Apache HTTP Server

Copyright 2023 The Apache Software Foundation.

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

Portions of this software were developed at the National Center  
for Supercomputing Applications (NCSA) at the University of  
Illinois at Urbana-Champaign.

This software contains code derived from the RSA Data Security  
Inc. MD5 Message-Digest Algorithm, including various  
modifications by Spyglass Inc., Carnegie Mellon University, and  
Bell Communications Research, Inc (Bellcore).

This software contains code derived from the PCRE library pcreposix.c  
source code, written by Philip Hazel, Copyright 1997-2004  
by the University of Cambridge, England"  
The Apache Software Foundation,log4j-layout-template-  
json,2.20.0,"Copyright: The Apache Software Foundation  
License: Apache 2.0

./LICENSE.txt

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of

the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this

License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright 1999–2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Separator -----

./NOTICE.txt

Apache Log4j  
Copyright 1999–2023 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

---

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

----- Separator -----

Dependency: org.apache.logging.log4j:log4j-api  
Copyright: The Apache Software Foundation  
License: Apache 2.0

./LICENSE.txt

Apache 2.0 ( same as org.apache.logging.log4j:log4j-layout-template-json)

----- Separator -----

./NOTICE.txt

(Notice same as org.apache.logging.log4j:log4j-layout-template-json)

----- Separator -----

Dependency: org.apache.logging.log4j:log4j-core  
Copyright: The Apache Software Foundation  
License: Apache 2.0

./src/main/resources/META-INF/LICENSE

Apache 2.0 ( same as org.apache.logging.log4j:log4j-layout-template-json)

----- Separator -----

./src/main/resources/META-INF/NOTICE

Apache Log4j Core  
Copyright 1999-2012 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

----- Separator -----

"  
The Apache Software Foundation, log4j-slf4j2-impl, 2.20.0, "log4j-slf4j2-impl

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

""Licensor"" shall mean the copyright owner or entity authorized by  
the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all  
other entities that control, are controlled by, or are under common  
control with that entity. For the purposes of this definition,  
""control"" means (i) the power, direct or indirect, to cause the  
direction or management of such entity, whether by contract or  
otherwise, or (ii) ownership of fifty percent (50%) or more of the  
outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity  
exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making  
modifications,  
including but not limited to software source code, documentation  
source, and configuration files.

""Object"" form shall mean any form resulting from mechanical  
transformation or translation of a Source form, including but  
not limited to compiled object code, generated documentation,  
and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or  
Object form, made available under the License, as indicated by a  
copyright notice that is included in or attached to the work  
(an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or  
Object

form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 1999–2005 The Apache Software Foundation

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

## Third-Party Notices

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

=====  
Contents of NOTICE.txt:

Apache Log4j SLF4J Binding  
Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

=====  
Top-level NOTICE:

Apache Log4j  
Copyright 1999-2023 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server  
Copyright 2004 Jason Paul Kitchen

TypeUtil.java  
Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)  
Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java  
Copyright 2011 LMAX Ltd.

=====  
Dependency: slf4j-api

Copyright (c) 2004-2022 QOS.ch  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

org.apache.logging.log4j ^ log4j-api  
Apache License, Version 2.0

Apache Log4j API  
Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

=====

org.apache.logging.log4j ^ log4j-core (runtime dependency)  
Apache License, Version 2.0  
Apache Log4j Core  
Copyright 1999-2012 Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java  
Copyright 2005-2006 Tim Fennell"  
The Apache Software Foundation, Commons Configuration, 2.9.0, "Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
NOTICE:

Apache Commons Configuration  
Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

-----  
Apache Commons Lang  
Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Text  
Copyright 2014-2022 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Logging  
Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<http://www.apache.org/>).

**The Go Authors, golang.org/x/text, 0.11.0,**

----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- BSD-3-Clause--modified-by-Google

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in

the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be



Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com)  
Copyright © 2004,2006 Bruce Ellis  
Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
Copyright © 2009 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

## Third-Party Notices

---

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

**The Go Authors,golang,1.21.5,"**

----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----

Copyright (c) 2016 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google

----- (separator) -----  
-----

== Dependency  
github.com/google/pprof

== License Type  
SPDX:Apache-2.0

---

```
== Copyright
Copyright (C) 2020 Free Software Foundation, Inc.
Copyright 2009-2017 Andrea Leofreddi <a.leofreddi@vleo.net>. All rights
reserved.
Copyright 2014 Google Inc. All Rights Reserved.
Copyright 2016 Google Inc. All Rights Reserved.
Copyright 2017 Google Inc. All Rights Reserved.
Copyright 2018 Google Inc. All Rights Reserved.
Copyright 2022 Google Inc. All Rights Reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/ianlancetaylor/demangle
```

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright
Copyright (c) 2015 The Go Authors. All rights reserved.
Copyright 2015 The Go Authors. All rights reserved.
Copyright 2021 The Go Authors. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/mmcloughlin/avo
```

```
== License Type
SPDX:BSD-3-Clause
```

```
== Copyright
Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.
Copyright (c) 2014-2017, Georgia Institute of Technology
Copyright (c) 2015 The Go Authors. All rights reserved.
Copyright (c) 2017 Facebook Inc.
Copyright (c) 2018, Michael McLoughlin
Copyright (c) 2019 Klaus Post. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
golang.org/x/arch
```

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright
Copyright (c) 2015 The Go Authors. All rights reserved.
Copyright 2014 The Go Authors. All rights reserved.
Copyright 2015 The Go Authors. All rights reserved.
```

## Third-Party Notices

---

Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/crypto

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/mod

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this

## Third-Party Notices

---

implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be

infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/term

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/tools

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) Microsoft Corporation  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
Copyright © 1997-1999 Vita Nuova Limited

Copyright © 2000-2007 Lucent Technologies Inc. and others  
Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com)  
Copyright © 2004,2006 Bruce Ellis  
Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
Copyright © 2009 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/errors

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import,

## Third-Party Notices

---

transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
std

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright (C) 1996, MPEG Software Simulation Group. All Rights Reserved.  
Copyright (C) 2004 by Sun Microsystems, Inc. All rights reserved.  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Chromium Authors. All rights reserved.  
Copyright (c) 2012, Intel Corporation  
Copyright (c) 2014 The Polymer Authors. All rights reserved.  
Copyright (c) 2014 The Polymer Project Authors. All rights reserved.  
Copyright (c) 2015, Google Inc.  
Copyright (c) 2015-2020 The fiat-crypto Authors. All rights reserved.  
Copyright (c) 2016 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 1984, 1987, 1989, 1992, 2000 by Stephen L. Moshier  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 Google Inc. All Rights Reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2022 The Go Authors. All rights reserved.  
 Copyright 2023 The Go Authors. All rights reserved.  
 Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
 Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
 Copyright © 1997-1999 Vita Nuova Limited  
 Copyright © 2000-2007 Lucent Technologies Inc. and others  
 Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com).  
 All rights reserved.  
 Copyright © 2000-2008 Lucent Technologies Inc. and others  
 Copyright © 2000-2008 Vita Nuova Holdings Limited (www.vitanuova.com)  
 Copyright © 2004 Russ Cox.  
 Copyright © 2004,2006 Bruce Ellis  
 Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
 Copyright © 2008-2010 Google Inc.  
 Copyright © 2009 The Go Authors. All rights reserved.  
 Copyright © 2010 The Go Authors.  
 Copyright © 2015 The Go Authors. All rights reserved.  
 Copyright © 2016 The Go Authors. All rights reserved.  
 Copyright © 2019 The Go Authors. All rights reserved.  
 copyright (C) 1991-2011, Thomas G. Lane, Guido Vollbeding.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
 -----

== Dependency

std/crypto/internal/bigmod/\_asm

## Third-Party Notices

---

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright (C) 1996, MPEG Software Simulation Group. All Rights Reserved.  
\*/  
Copyright (C) 2004 by Sun Microsystems, Inc. All rights reserved.  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Chromium Authors. All rights reserved.  
Copyright (c) 2012, Intel Corporation  
Copyright (c) 2014 The Polymer Authors. All rights reserved.  
Copyright (c) 2014 The Polymer Project Authors. All rights reserved.  
Copyright (c) 2015, Google Inc.  
Copyright (c) 2015-2020 The fiat-crypto Authors. All rights reserved.  
Copyright (c) 2016 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 1984, 1987, 1989, 1992, 2000 by Stephen L. Moshier  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google, Inc.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 Google Inc. All Rights Reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.  
Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
Copyright © 1997-1999 Vita Nuova Limited  
Copyright © 2000-2007 Lucent Technologies Inc. and others  
Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com).  
All rights reserved.  
Copyright © 2000-2008 Lucent Technologies Inc. and others  
Copyright © 2000-2008 Vita Nuova Holdings Limited (www.vitanuova.com)  
Copyright © 2004 Russ Cox.  
Copyright © 2004,2006 Bruce Ellis  
Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
Copyright © 2008-2010 Google Inc.

Copyright © 2009 The Go Authors. All rights reserved.  
Copyright © 2010 The Go Authors.  
Copyright © 2015 The Go Authors. All rights reserved.  
Copyright © 2016 The Go Authors. All rights reserved.  
Copyright © 2019 The Go Authors. All rights reserved.  
copyright (C) 1991-2011, Thomas G. Lane, Guido Vollbeding.

#### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

#### == Dependency

std/crypto/internal/edwards25519/field/\_asm

#### == License Type

SPDX:BSD-3-Clause--modified-by-Google

#### == Copyright

Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.  
Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)  
Copyright (C) 1996, MPEG Software Simulation Group. All Rights Reserved.  
Copyright (C) 2004 by Sun Microsystems, Inc. All rights reserved.  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Chromium Authors. All rights reserved.  
Copyright (c) 2012, Intel Corporation  
Copyright (c) 2014 The Polymer Authors. All rights reserved.  
Copyright (c) 2014 The Polymer Project Authors. All rights reserved.  
Copyright (c) 2015, Google Inc.

## Third-Party Notices

---

Copyright (c) 2015-2020 The fiat-crypto Authors. All rights reserved.  
Copyright (c) 2016 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 1984, 1987, 1989, 1992, 2000 by Stephen L. Moshier  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google, Inc.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 Google Inc. All Rights Reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.  
Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
Copyright © 1997-1999 Vita Nuova Limited  
Copyright © 2000-2007 Lucent Technologies Inc. and others  
Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com).  
All rights reserved.  
Copyright © 2000-2008 Lucent Technologies Inc. and others  
Copyright © 2000-2008 Vita Nuova Holdings Limited (www.vitanuova.com)  
Copyright © 2004 Russ Cox.  
Copyright © 2004,2006 Bruce Ellis  
Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
Copyright © 2008-2010 Google Inc.  
Copyright © 2009 The Go Authors. All rights reserved.  
Copyright © 2010 The Go Authors.  
Copyright © 2015 The Go Authors. All rights reserved.  
Copyright © 2016 The Go Authors. All rights reserved.  
Copyright © 2019 The Go Authors. All rights reserved.  
copyright (C) 1991-2011, Thomas G. Lane, Guido Vollbeding.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in

the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their

Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise

## Third-Party Notices

---

complies with the conditions stated in this License.

5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. **Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. **Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also

recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

## Third-Party Notices

---

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"  
**The Go Authors, golang.org, x2F; x2F; crypto, 0.15.0,**"  
----- Top-Level License -----  
-----  
SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----  
Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2017 The Go Authors. All rights reserved.  
 Copyright (c) 2019 The Go Authors. All rights reserved.  
 Copyright (c) 2020 The Go Authors. All rights reserved.  
 Copyright (c) 2021 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2015 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2022 The Go Authors. All rights reserved.  
 Copyright 2023 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----  
 -----

----- Licenses -----  
 -----

- BSD-3-Clause  
 - BSD-3-Clause--modified-by-Google

----- (separator) -----  
 -----

== Dependency  
 asm

== License Type  
 SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
 Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright (c) 2017 The Go Authors. All rights reserved.  
 Copyright (c) 2019 The Go Authors. All rights reserved.  
 Copyright (c) 2020 The Go Authors. All rights reserved.  
 Copyright (c) 2021 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2015 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2022 The Go Authors. All rights reserved.

Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

github.com/mmcloughlin/avo

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Copyright (c) 2014-2017, Georgia Institute of Technology

Copyright (c) 2015 The Go Authors. All rights reserved.

Copyright (c) 2017 Facebook Inc.

Copyright (c) 2018, Michael McLoughlin

Copyright (c) 2019 Klaus Post. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/crypto/x509roots/fallback

== License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/mod

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/net

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/sys

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this

implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent



""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
 -----  
 == SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS IS"" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

## Third-Party Notices

---

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"  
**The Go Authors, golang.org, term, 0.14.0,**"  
----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google  
  
----- Copyright -----  
-----  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

```

----- Fourth Party Dependencies -----
-----
----- Licenses -----
-----
- BSD-3-Clause--modified-by-Google

----- (separator) -----
-----

```

```

== Dependency
golang.org/x/sys

```

```

== License Type
SPDX:BSD-3-Clause--modified-by-Google

```

```

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2009,2010 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.
Copyright 2013 The Go Authors. All rights reserved.
Copyright 2014 The Go Authors. All rights reserved.
Copyright 2015 The Go Authors. All rights reserved.
Copyright 2016 The Go Authors. All rights reserved.
Copyright 2017 The Go Authors. All right reserved.
Copyright 2017 The Go Authors. All rights reserved.
Copyright 2018 The Go Authors. All rights reserved.
Copyright 2019 The Go Authors. All rights reserved.
Copyright 2020 The Go Authors. All rights reserved.
Copyright 2021 The Go Authors. All rights reserved.
Copyright 2022 The Go Authors. All rights reserved.
Copyright 2023 The Go Authors. All rights reserved.

```

```

== Patents
Additional IP Rights Grant (Patents)

```

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent

## Third-Party Notices

---

infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"  
**The Go Authors, protobuf-go, 1.31.0,**"

----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

```

----- Fourth Party Dependencies -----
-----
----- Licenses -----
-----
- BSD-3-Clause--modified-by-Google

----- (separator) -----
-----

== Dependency
github.com/google/go-cmp

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2017 The Go Authors. All rights reserved.
Copyright 2017, The Go Authors. All rights reserved.
Copyright 2018, The Go Authors. All rights reserved.
Copyright 2019, The Go Authors. All rights reserved.
Copyright 2020, The Go Authors. All rights reserved.
Copyright 2021, The Go Authors. All rights reserved.

----- Licenses -----
-----
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with
or without modification, are permitted provided that the following
conditions
are met:

    * Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
    * Redistributions in binary form must reproduce the above
copyright notice, this list of conditions and the following disclaimer
in the documentation and/or other materials provided with the
distribution.
    * Neither the name of Google Inc. nor the names of its
contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

```

Third-Party Notices

---

**The Go Authors, golang.org, x, exp, 0.0.0-20230905200255-921286631fa9,"**

----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/go-kit/kit

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Peter Bourgon

----- (separator) -----  
-----

== Dependency  
github.com/go-kit/log

== License Type  
SPDX:MIT

---

```
== Copyright
Copyright (c) 2014 Simon Eskildsen
Copyright (c) 2021 Go kit
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/go-logfmt/logfmt

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2015 go-logfmt
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/go-logr/logr

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2019 The logr Authors.
Copyright 2020 The logr Authors.
Copyright 2021 The logr Authors.

----- (separator) -----
-----

== Dependency
github.com/google/go-cmp

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2017 The Go Authors. All rights reserved.
Copyright 2017, The Go Authors. All rights reserved.
Copyright 2018, The Go Authors. All rights reserved.
Copyright 2019, The Go Authors. All rights reserved.
Copyright 2020, The Go Authors. All rights reserved.
Copyright 2021, The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/jezek/xgb
```

## Third-Party Notices

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) 2004 Sam Hocevar <sam@hocevar.net>  
Copyright (c) 2009 The XGB Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/metric

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

```
----- (separator) -----  
-----  
  
== Dependency  
go.uber.org/atomic  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
go.uber.org/multierr  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
go.uber.org/zap  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2016-2022 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.  
Copyright (c) 2022 Uber Technologies, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
golang.org/x/crypto  
  
== License Type  
SPDX:BSD-3-Clause--modified-by-Google
```

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/exp/errors

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

---

Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp/event

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

golang.org/x/exp/jsonrpc2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

Copyright 2022 The Go Authors. All rights reserved.

Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp/shiny

== License Type

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp/slog/benchmarks/zap\_benchmarks

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

## Third-Party Notices

---

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp/slog/benchmarks/zerolog\_benchmarks

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp/sumdb

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

[golang.org/x/exp/typeparams](https://golang.org/x/exp/typeparams)

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

---

Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/image

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Bigelow & Holmes Inc.. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.\n"" +  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

## Third-Party Notices

---

### == Patents

#### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/mobile

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013-2014 The Khronos Group Inc.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

### == Patents

#### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import,

transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.



## Third-Party Notices

---

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/errors

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent

rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

## Third-Party Notices

---

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license

## Third-Party Notices

---

agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be

enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on

the same "printed page" as the copyright notice for easier identification

within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

## Third-Party Notices

---

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**The Go Authors,go-internal,1.11.0,"**

----- Top-Level License -----

-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----

-----

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- BSD-3-Clause--modified-by-Google

----- (separator) -----

-----

---

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.



Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright © 1994-1999 Lucent Technologies Inc. All rights reserved.  
Copyright © 1995-1997 C H Forsyth (forsyth@terzarima.net)  
Copyright © 1997-1999 Vita Nuova Limited  
Copyright © 2000-2007 Lucent Technologies Inc. and others  
Copyright © 2000-2007 Vita Nuova Holdings Limited (www.vitanuova.com)  
Copyright © 2004,2006 Bruce Ellis  
Copyright © 2005-2007 C H Forsyth (forsyth@terzarima.net)  
Copyright © 2009 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

The Go Authors, [golang.org](https://golang.org);x;x;net,0.18.0,"

----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- BSD-3-Clause--modified-by-Google

----- (separator) -----  
-----

== Dependency  
[golang.org/x/sys](https://golang.org/x/sys)

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"

The Go Authors, [golang.org](http://golang.org); sync, 0.5.0, "Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

## Third-Party Notices

---

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE." The GoSNMP Authors, gosnmp, 1.35.0, "Copyright 2012-2020 The GoSNMP Authors. All rights reserved. Use of this rights reserved. Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Parts of the gosnmp code are from GoLang ASN.1 Library (as marked in the source code).

For those part of code the following license applies:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- Top-Level License -----  
-----

----- Copyright -----  
-----

(no copyrights found)

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0

----- (separator) -----  
-----

== Dependency  
github.com/golang/mock

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2010 Google Inc.  
Copyright 2011 Google Inc.  
Copyright 2012 Google Inc.  
Copyright 2019 Google LLC  
Copyright 2020 Google Inc.  
Copyright 2020 Google LLC

----- Licenses -----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions,

annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

## Third-Party Notices

---

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except

as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

## Third-Party Notices

---

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

"

The Gorilla Authors,gorilla&#x2F;mux,1.8.1," -----Copyright  
Copyright (c) 2023 The Gorilla Authors. All rights reserved.

====License

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."

**The Gorilla WebSocket Authors,gorilla websocket,1.5.1,**

" ----- Top-Level License -----  
-----

SPDX:BSD-3-Clause--modified-by-Google

----- Copyright -----  
-----

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Copyright (c) 2023 The Gorilla Authors. All rights reserved.

Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.

Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.

Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.

Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
 Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
 Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- Fourth Party Dependencies -----  
 -----

----- Licenses -----  
 -----

- BSD-3-Clause--modified-by-Google

----- (separator) -----  
 -----

== Dependency  
 golang.org/x/net

== License Type  
 SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
 Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2015 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2022 The Go Authors. All rights reserved.  
 Copyright 2023 The Go Authors. All rights reserved.

== Patents  
 Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by  
 Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive,  
 no-charge, royalty-free, irrevocable (except as stated in this section)  
 patent license to make, have made, use, offer to sell, sell, import,  
 transfer and otherwise run, modify and propagate the contents of this  
 implementation of Go, where such license applies only to those patent  
 claims, both currently owned or controlled by Google and acquired in  
 the future, licensable by Google that are necessarily infringed by this  
 implementation of Go. This grant does not include claims that would be  
 infringed only as a consequence of further modification of this  
 implementation. If you or your agent or exclusive licensee institute or  
 order or agree to the institution of patent litigation against any  
 entity (including a cross-claim or counterclaim in a lawsuit) alleging

## Third-Party Notices

---

that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

"  
**The Helm Authors, Helm, 3.10.3, "HELM**

----- Top-Level License -----  
-----  
SPDX:Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all

## Third-Party Notices

---

other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright 2016 The Kubernetes Authors All Rights Reserved

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Copyright The Helm Authors.

----- Copyright -----  
-----

Copyright (c) for portions of fs.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of fs\_test.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of rename.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of rename\_windows.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of walk.go are held by The Go Authors, 2009 and are

Copyright (c) for portions of walk\_test.go are held by The Go Authors,  
 2009 and are  
 Copyright 2016 The Kubernetes Authors All Rights Reserved  
 Copyright 2016 The Kubernetes Authors.

----- Fourth Party Dependencies -----  
 -----

----- Licenses -----  
 -----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT
- Zlib

----- (separator) -----  
 -----

== Dependency  
 cloud.google.com/go

== License Type  
 SPDX:Apache-2.0

== Copyright  
 Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
 Copyright (c) 2001 David E. O'Brien  
 Copyright (c) 2020 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2012 Google, Inc. Package foo does bar.", 27, """},  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 Google LLC  
 Copyright 2016 Google LLC  
 Copyright 2017 Google LLC  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 Google Inc. All Rights Reserved.  
 Copyright 2018 Google LLC  
 Copyright 2018 Google LLC.  
 Copyright 2019 Google LLC  
 Copyright 2020 Google LLC  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2020, Google LLC  
 Copyright 2021 Google LLC

----- (separator) -----  
 -----

== Dependency  
 github.com/Azure/go-autorest/autorest

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/autorest/adal

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/autorest/date

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/logger

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/tracing

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

---

Copyright 2017 Microsoft Corporation  
Copyright 2018 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/BurntSushi/toml

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 TOML authors  
Copyright (c) 2018 TOML authors  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/MakeNowJust/heredoc

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2019 TSUYUSATO Kitsune

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/goutils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Alexander Okoli

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/semver/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014-2019, Matt Butcher and Matt Farina

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/Masterminds/sprig/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013-2020 Masterminds

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/squirrel

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014-2015, Lann Martin  
Copyright (C) 2015, Matt Farina and Matt Butcher  
Copyright (C) 2015-2016, Google

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/vcs

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014-2015, Matt Butcher and Matt Farina

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/purell

== License Type  
3564Copyright (c) 2012, Martin Angers  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012, Martin Angers

----- (separator) -----  
-----

== Dependency  
github.com/PuerkitoBio/urlesc

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Shopify/logrus-bugsnag

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Shopify

----- (separator) -----  
-----

== Dependency  
github.com/asaskevich/govalidator

== License Type  
SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2014 Alex Saskevich

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/bshuster-repo/logrus-logstash-hook

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Boaz Shuster

----- (separator) -----  
-----

== Dependency  
github.com/bugsnag/bugsnag-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Bugsnag

----- (separator) -----  
-----

== Dependency  
github.com/bugsnag/osex

== License Type  
SPDX:Zlib

== Copyright  
Copyright (c) 2012 Daniel Theophanes  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/bugsnag/panicwrap

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/chai2010/gettext-go

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) YEAR THE PACKAGE'S COPYRIGHT HOLDER  
Copyright 2013 <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2013 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2020 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/containerd/containerd

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2015 Docker, Inc.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 CNI authors

## Third-Party Notices

---

Copyright 2018 The Kubernetes Authors.

== Notices

Docker

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.

(<https://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.

It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency

[github.com/cpuguy83/go-md2man/v2](https://github.com/cpuguy83/go-md2man/v2)

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Brian Goff

----- (separator) -----  
-----

== Dependency

[github.com/cyphar/filepath-securejoin](https://github.com/cyphar/filepath-securejoin)

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (C) 2014-2015 Docker Inc & Go Authors. All rights reserved.

Copyright (C) 2017 SUSE LLC. All rights reserved.

----- (separator) -----  
-----

== Dependency

[github.com/davecgh/go-spew](https://github.com/davecgh/go-spew)

== License Type

3568ISC License

---

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency

github.com/distribution/distribution/v3

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency

github.com/docker/cli

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2017 Docker, Inc.

== Notices

Docker

Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed

## Third-Party Notices

---

by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/docker/distribution

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency  
github.com/docker/docker

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2015 John Howard (Microsoft)  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2018 Docker, Inc.

== Notices  
Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/docker/docker-credential-helpers

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 David Calavera

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-connections

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-events

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.  
Copyright © 2016 Docker, Inc. go-events is licensed under the Apache License,

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-metrics

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright

Copyright 2012-2015 Docker, Inc.

Copyright 2013-2016 Docker, Inc.

Copyright © 2016 Docker, Inc. All rights reserved, except as follows. Code is released under the Apache 2.0 license. The README.md file, and files in the ""docs"" folder are licensed under the Creative Commons Attribution 4.0 International License under the terms and conditions set forth in the file ""LICENSE.docs"". You may obtain a duplicate copy of the same license, titled CC-BY-SA-4.0, at <http://creativecommons.org/licenses/by/4.0/>.

== Notices

Docker

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.

It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency

[github.com/docker/go-units](https://github.com/docker/go-units)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Docker, Inc.

Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency

[github.com/docker/libtrust](https://github.com/docker/libtrust)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Docker, Inc.  
copyright 2014 Docker, inc. Code released under the Apache 2.0 license.

----- (separator) -----  
-----

== Dependency  
github.com/emicklei/go-restful/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/evanphx/json-patch

== License Type  
3573Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors  
may be used to endorse or promote products derived from this software  
without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

## Third-Party Notices

---

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency

github.com/exponent-io/jsonpath

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Exponent Labs LLC

----- (separator) -----  
-----

== Dependency

github.com/fatih/color

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Fatih Arslan

----- (separator) -----  
-----

== Dependency

github.com/felixge/httpsnoop

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Felix Geisendörfer (felix@debuggable.com)

----- (separator) -----  
-----

== Dependency

github.com/go-errors/errors

== License Type

SPDX:MIT

---

```
== Copyright
Copyright (c) 2015 Conrad Irwin <conrad@bugsnag.com>
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/go-gorp/gorp/v3
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2012 James Cooper <james@bitmechanic.com>
Copyright 2012 James Cooper. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/go-logr/logr
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2019 The logr Authors.
Copyright 2020 The logr Authors.
Copyright 2021 The logr Authors.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/go-openapi/jsonpointer
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2013 sigu-399 ( https://github.com/sigu-399 )
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/go-openapi/jsonreference
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2013 sigu-399 ( https://github.com/sigu-399 )
```

```
----- (separator) -----
-----
```

## Third-Party Notices

---

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/gobwas/glob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Sergey Kamardin

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/flock

== License Type  
3576Copyright (c) 2015-2020, Tim Heckman  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of gofrs nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015-2020, Tim Heckman  
Copyright 2015 Tim Heckman. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Gofrs. All rights reserved.  
Copyright 2019 Tim Heckman. All rights reserved. Use of this source code  
is

----- (separator) -----  
-----

== Dependency

github.com/gogo/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/golang-jwt/jwt/v4

== License Type

## Third-Party Notices

---

SPDX:MIT

== Copyright

Copyright (c) 2012 Dave Grijalva

Copyright (c) 2021 golang-jwt maintainers

----- (separator) -----  
-----

== Dependency

github.com/golang/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/gomodule/redigo

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2011 Gary Burd

Copyright 2012 Gary Burd

Copyright 2013 Gary Burd

Copyright 2014 Gary Burd

Copyright 2017 Gary Burd

Copyright 2018 Gary Burd

----- (separator) -----  
-----

== Dependency

github.com/google/btree

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google Inc.

```
----- (separator) -----
-----

== Dependency
github.com/google/gnostic

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2017 Google LLC. All Rights Reserved.
Copyright 2017-2020, Google LLC.
Copyright 2018 Google LLC. All Rights Reserved.
Copyright 2019 Google LLC. All Rights Reserved.
Copyright 2020 Google LLC. All Rights Reserved.
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----
-----

== Dependency
github.com/google/go-cmp

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2017 The Go Authors. All rights reserved.
Copyright 2017, The Go Authors. All rights reserved.
Copyright 2018, The Go Authors. All rights reserved.
Copyright 2019, The Go Authors. All rights reserved.
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/google/gofuzz

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/google/shlex

== License Type
SPDX:Apache-2.0

== Copyright
```

## Third-Party Notices

---

Copyright 2012 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/handlers

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013 The Gorilla Handlers Authors. All rights reserved.  
Copyright 2013 The Gorilla Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/mux

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012-2018 The Gorilla Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 Gorilla Authors. All rights reserved.  
Copyright 2012 The Gorilla Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gosuri/uitable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Mitchell Hashimoto

---

Copyright (c) 2015, Greg Osuri

----- (separator) -----  
-----

== Dependency  
github.com/gregjones/httpcache

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2012 Greg Jones (greg.jones@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/huandu/xstrings

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Huan Du  
Copyright 2015 Huan Du. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/imdario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/jmoiron/sqlx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013, Jason Moiron

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/klauspost/compress

== License Type  
35823582358235823582Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2019 Klaus Post. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Files: gzhttp/\*

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications

represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright 2016–2017 The New York Times Company

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

Files: s2/cmd/internal/readahead/\*

The MIT License (MIT)

Copyright (c) 2015 Klaus Post

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----

Files: snappy/\*

Files: internal/snapref/\*

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its

## Third-Party Notices

---

contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
Files: s2/cmd/internal/filepathx/\*

Copyright 2016 The filepathx Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.\n"+  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013, Yann Collet, released under BSD License.  
Copyright (c) 2015 Klaus Post  
Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE file.  
Copyright (c) 2016 Caleb Spare  
Copyright (c) 2016 Caleb Spare.  
Copyright (c) 2019 Klaus Post. All rights reserved.  
Copyright (c) 2019+ Klaus Post. All rights reserved.\n\n")  
Copyright (c) 2021 Klaus Post. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2016 The Snappy-Go Authors. All rights reserved.  
Copyright 2016 The filepathx Authors  
Copyright 2016-2017 The New York Times Company  
Copyright 2018 Klaus Post. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019+ Klaus Post. All rights reserved.  
Copyright 2020+ Klaus Post. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/lann/builder

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2015 Lann Martin

----- (separator) -----  
-----

== Dependency  
github.com/lann/ps

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Michael Hendricks

----- (separator) -----  
-----

== Dependency  
github.com/lib/pq

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2011 Blake Mizerany  
Copyright (c) 2011-2013, 'pq' Contributors  
Copyright (c) 2014 - Gustavo Niemeyer <gustavo@niemeyer.net>

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/liggitt/tabwriter

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/mailru/easyjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency

github.com/mattn/go-colorable

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency

github.com/mattn/go-isatty

== License Type

SPDX:MIT

== Copyright

Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----  
-----

== Dependency

github.com/mattn/go-runewidth

== License Type

SPDX:MIT

---

== Copyright

Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency

github.com/matttproud/golang\_protobuf\_extensions

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

Copyright 2013 Matt T. Proud

Copyright 2016 Matt T. Proud

== Notices

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency

github.com/mitchellh/copystructure

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency

github.com/mitchellh/go-wordwrap

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency

github.com/mitchellh/reflectwalk

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Mitchell Hashimoto

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/moby/locker

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/moby/term

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

---

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/monochromegane/go-gitignore

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) [2015] [go-gitignore]

----- (separator) -----  
-----

== Dependency  
github.com/morikuni/aec

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Taihei Morikuni

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
3593Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

## Third-Party Notices

---

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency

[github.com/opencontainers/go-digest](https://github.com/opencontainers/go-digest)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2016 Docker, Inc.

Copyright 2017 Docker, Inc.

Copyright 2019, 2020 OCI Contributors

Copyright 2020, 2020 OCI Contributors

Copyright © 2016 Docker, Inc.

Copyright © 2019, 2020 OCI Contributors

----- (separator) -----  
-----

== Dependency

[github.com/opencontainers/image-spec](https://github.com/opencontainers/image-spec)

== License Type

SPDX:Apache-2.0

```
== Copyright
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.
Copyright 2016 The Linux Foundation
Copyright 2016 The Linux Foundation.
Copyright 2017 The Linux Foundation
Copyright 2018 The Linux Foundation

----- (separator) -----
-----

== Dependency
github.com/peterbourgon/diskv

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2011-2012 Peter Bourgon

----- (separator) -----
-----

== Dependency
github.com/phayes/freeport

== License Type
SPDX:BSD-3-Clause

== Copyright
Copyright (c) 2014, Patrick Hayes / HighWire Press

----- (separator) -----
-----

== Dependency
github.com/pkg/errors

== License Type
SPDX:BSD-2-Clause

== Copyright
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----
-----

== Dependency
github.com/prometheus/client_golang

== License Type
SPDX:Apache-2.0

== Copyright
Copyright (c) 2013, The Prometheus Authors
Copyright 2010 The Go Authors
```

## Third-Party Notices

---

Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

### == Notices

Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.

---

Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/common

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/procfs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices  
procfs provides functions to retrieve system, kernel and process

## Third-Party Notices

---

metrics from the pseudo-filessystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/rubenv/sql-migrate

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2012-2014 by Liam Staskawicz  
Copyright (C) 2014-2017 by Ruben Vermeersch <ruben@rocketeer.be>  
Copyright (C) 2014-2021 by Ruben Vermeersch <ruben@rocketeer.be>

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <russ@russross.com>.

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday/v2

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <russ@russross.com>.

----- (separator) -----  
-----

== Dependency  
github.com/shopspring/decimal

== License Type  
SPDX:MIT

---

```
== Copyright
Copyright (c) 2013 Oguz Bilgic
Copyright (c) 2015 Spring, Inc.
Copyright 2009 The Go Authors. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/sirupsen/logrus
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.
Copyright (c) 2014 Simon Eskildsen
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/spf13/cast
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2014 Steve Francia
Copyright 2011 The Go Authors. All rights reserved.
Copyright © 2014 Steve Francia <spf@spf13.com>.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/spf13/cobra
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2015 Red Hat Inc. All rights reserved.
Copyright 2016 French Ben. All rights reserved.
Copyright © 2013 Steve Francia <spf@spf13.com>.
Copyright © 2022 Steve Francia <spf@spf13.com>.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/spf13/pflag
```

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

## Third-Party Notices

---

### == Copyright

Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

github.com/xeipuuv/gojsonpointer

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )

----- (separator) -----  
-----

### == Dependency

github.com/xeipuuv/gojsonreference

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )

----- (separator) -----  
-----

### == Dependency

github.com/xeipuuv/gojsonschema

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2013 MongoDB, Inc.  
Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )  
Copyright 2017 johandorland ( <https://github.com/johandorland> )  
Copyright 2018 johandorland ( <https://github.com/johandorland> )

----- (separator) -----  
-----

### == Dependency

github.com/xlab/treeprint

---

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2016 Maxim Kupriianov <max@kc.vc>

----- (separator) -----  
-----

== Dependency  
github.com/yvasiyarov/go-metrics

== License Type  
3601Copyright 2012 Richard Crowley. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY RICHARD CROWLEY ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL RICHARD CROWLEY OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Richard Crowley.

== Copyright  
Copyright 2012 Richard Crowley. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/yvasiyarov/gorelic

== License Type  
3601Copyright (c) 2013 Yuriy Vasiiarov. All rights reserved.

## Third-Party Notices

---

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/yvasiyarov/newrelic\_platform\_go

== License Type

3602Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

---

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

----- (separator) -----  
-----

== Dependency

go.etcd.io/etcd/api/v3

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The etcd Authors

Copyright 2016 The etcd Authors

Copyright 2018 The etcd Authors

Copyright 2020 The etcd Authors

----- (separator) -----  
-----

== Dependency

go.starlark.net

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2017 The Bazel Authors. All rights reserved.

Copyright (c) 2018 The Bazel Authors.

Copyright 2017 The Bazel Authors. All rights reserved.

Copyright 2018 The Bazel Authors. All rights reserved.

Copyright 2019 The Bazel Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/crypto

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2017 The Go Authors. All rights reserved.

Copyright (c) 2019 The Go Authors. All rights reserved.

Copyright (c) 2020 The Go Authors. All rights reserved.

Copyright (c) 2021 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/net

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.

---

Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

## Third-Party Notices

---

### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this

implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

---

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency

google.golang.org/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.

Copyright 2008 Google Inc. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.",

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.",

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type  
36123612This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

## Third-Party Notices

---

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

k8s.io/apiextensions-apiserver

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.

```
----- (separator) -----
-----

== Dependency
k8s.io/apimachinery

== License Type
SPDX:Apache-2.0

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2013 The Go Authors. All rights reserved.
Copyright 2014 The Kubernetes Authors.
Copyright 2015 The Kubernetes Authors.
Copyright 2016 The Kubernetes Authors.
Copyright 2017 The Kubernetes Authors.
Copyright 2018 The Kubernetes Authors.
Copyright 2019 The Kubernetes Authors.
Copyright 2020 The Kubernetes Authors.
Copyright 2021 The Kubernetes Authors.
Copyright 2022 The Kubernetes Authors.

----- (separator) -----
-----

== Dependency
k8s.io/apiserver

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2014 The Kubernetes Authors.
Copyright 2015 The Kubernetes Authors.
Copyright 2016 The Kubernetes Authors.
Copyright 2017 The Kubernetes Authors.
Copyright 2018 The Kubernetes Authors.
Copyright 2019 The Kubernetes Authors.
Copyright 2020 The Kubernetes Authors.
Copyright 2021 The Kubernetes Authors.
Copyright 2022 The Kubernetes Authors.

----- (separator) -----
-----

== Dependency
k8s.io/cli-runtime

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2014 The Kubernetes Authors.
Copyright 2016 The Kubernetes Authors.
Copyright 2017 The Kubernetes Authors.
```

## Third-Party Notices

---

Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-base

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

## == Copyright

Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

## == Dependency

k8s.io/kube-openapi

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright (C) MongoDB, Inc. 2017-present.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

## == Dependency

k8s.io/kubectl

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

## == Dependency

k8s.io/utils

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
oras.land/oras-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 ORAS Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type  
36183618Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise

designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,

## Third-Party Notices

---

and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.
```

```
See the License for the specific language governing permissions and  
limitations under the License.
```

-----

```
internal/golang/* files licensed under:
```

```
Copyright (c) 2009 The Go Authors. All rights reserved.
```

```
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:
```

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its

contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/kustomize/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/kustomize/kyaml

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

## Third-Party Notices

---

Copyright (c) 2011-2019 Canonical Ltd  
Copyright (c) 2018 QRI, Inc.  
Copyright 2011-2016 Canonical Ltd.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/structured-merge-diff/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
36243624The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

## Third-Party Notices

---

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for

inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the

## Third-Party Notices

---

Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and

assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 =====  
 == SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

## Third-Party Notices

---

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
-----  
== SPDX:Zlib

zlib License  
This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim

that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

363336333633"

**The Helm Authors, helm, 3.12.3, "**

----- Top-Level License -----

-----

SPDX:Apache-2.0

----- Copyright -----

-----

Copyright (c) for portions of fs.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of fs\_test.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of rename.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of rename\_windows.go are held by The Go Authors, 2016 and are provided under

Copyright (c) for portions of walk.go are held by The Go Authors, 2009 and are

Copyright (c) for portions of walk\_test.go are held by The Go Authors, 2009 and are

Copyright 2016 The Kubernetes Authors All Rights Reserved

Copyright 2016 The Kubernetes Authors.

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT
- MPL-2.0
- Zlib

----- (separator) -----

-----

== Dependency

github.com/BurntSushi/toml

== License Type

## Third-Party Notices

---

SPDX:MIT

== Copyright

Copyright (c) 2013 TOML authors

Copyright (c) 2018 TOML authors

Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/MakeNowJust/heredoc

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-2019 TSUYUSATO Kitsune

----- (separator) -----  
-----

== Dependency

github.com/Masterminds/goutils

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Alexander Okoli

----- (separator) -----  
-----

== Dependency

github.com/Masterminds/semver/v3

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2014-2019, Matt Butcher and Matt Farina

----- (separator) -----  
-----

== Dependency

github.com/Masterminds/sprig/v3

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2013-2020 Masterminds

```
----- (separator) -----
-----

== Dependency
github.com/Masterminds/squirrel

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2014-2015, Lann Martin. Copyright (C) 2015-2016, Google.
Copyright (C) 2015, Matt Farina and Matt Butcher.

----- (separator) -----
-----

== Dependency
github.com/Masterminds/vcs

== License Type
SPDX:MIT

== Copyright
Copyright (C) 2014-2015, Matt Butcher and Matt Farina

----- (separator) -----
-----

== Dependency
github.com/Shopify/logrus-bugsnag

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2016 Shopify

----- (separator) -----
-----

== Dependency
github.com/asaskevich/govalidator

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2014 Alex Saskevich

----- (separator) -----
-----

== Dependency
github.com/beorn7/perks

== License Type
```

## Third-Party Notices

---

SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/bshuster-repo/logrus-logstash-hook

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Boaz Shuster

----- (separator) -----  
-----

== Dependency  
github.com/bugsnag/bugsnag-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Bugsnag

----- (separator) -----  
-----

== Dependency  
github.com/bugsnag/osex

== License Type  
SPDX:Zlib

== Copyright  
Copyright (c) 2012 Daniel Theophanes  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/bugsnag/panicwrap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

---

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/chai2010/gettext-go

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) YEAR THE PACKAGE'S COPYRIGHT HOLDER  
Copyright 2013 <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2013 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2020 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/containerd/containerd

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) Docker/Moby authors.  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright 2012-2015 Docker, Inc.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 CNI authors  
Copyright 2018 The Kubernetes Authors.  
Copyright 2021 ADA Logics Ltd  
Copyright 2022 ADA Logics Ltd

== Notices  
Docker  
Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

## Third-Party Notices

---

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/cpuguy83/go-md2man/v2](https://github.com/cpuguy83/go-md2man/v2)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Brian Goff

----- (separator) -----  
-----

== Dependency  
[github.com/cyphar/filepath-securejoin](https://github.com/cyphar/filepath-securejoin)

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) 2014-2015 Docker Inc & Go Authors. All rights reserved.  
Copyright (C) 2017 SUSE LLC. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/davecgh/go-spew](https://github.com/davecgh/go-spew)

== License Type  
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF

---

MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency

github.com/distribution/distribution/v3

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency

github.com/docker/cli

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2017 Docker, Inc.

== Notices

Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.

## Third-Party Notices

---

It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/docker/distribution

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency  
github.com/docker/docker

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2012-2018 Mat Ryer and Tyler Bunnell  
Copyright (c) 2015 John Howard (Microsoft)  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

== Notices  
Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not

violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/docker/docker-credential-helpers

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 David Calavera

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-connections

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-events

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.  
Copyright © 2016 Docker, Inc. go-events is licensed under the Apache  
License,

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-metrics

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 Docker, Inc.

## Third-Party Notices

---

Copyright 2013-2016 Docker, Inc.  
Copyright © 2016 Docker, Inc. All rights reserved, except as follows. Code is released under the Apache 2.0 license. The README.md file, and files in the "docs" folder are licensed under the Creative Commons Attribution 4.0 International License under the terms and conditions set forth in the file "LICENSE.docs". You may obtain a duplicate copy of the same license, titled CC-BY-SA-4.0, at <http://creativecommons.org/licenses/by/4.0/>.

== Notices

Docker

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency

[github.com/docker/go-units](https://github.com/docker/go-units)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Docker, Inc.

Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency

[github.com/docker/libtrust](https://github.com/docker/libtrust)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Docker, Inc.

copyright 2014 Docker, inc. Code released under the Apache 2.0 license.

----- (separator) -----  
-----

== Dependency  
github.com/emicklei/go-restful/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/evanphx/json-patch

== License Type  
Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

## Third-Party Notices

---

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/exponent-io/jsonpath

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Exponent Labs LLC

----- (separator) -----  
-----

== Dependency  
github.com/fatih/color

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Fatih Arslan

----- (separator) -----  
-----

== Dependency  
github.com/felixge/httpsnoop

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Felix Geisendörfer (felix@debuggable.com)

----- (separator) -----  
-----

== Dependency  
github.com/fvbommel/sortorder

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Frits van Bommel

----- (separator) -----  
-----

== Dependency  
github.com/go-errors/errors

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Conrad Irwin <conrad@bugsnag.com>

----- (separator) -----  
-----

== Dependency  
github.com/go-gorp/gorp/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 James Cooper <james@bitmechanic.com>  
Copyright 2012 James Cooper. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/stdr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/gobwas/glob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Sergey Kamardin

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/flock

== License Type  
Copyright (c) 2015-2020, Tim Heckman  
All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of gofrs nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015-2020, Tim Heckman  
Copyright 2015 Tim Heckman. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Gofrs. All rights reserved.  
Copyright 2019 Tim Heckman. All rights reserved. Use of this source code is

----- (separator) -----  
-----

== Dependency

[github.com/gogo/protobuf](https://github.com/gogo/protobuf)

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gomodule/redigo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 Gary Burd  
Copyright 2012 Gary Burd  
Copyright 2013 Gary Burd  
Copyright 2014 Gary Burd  
Copyright 2017 Gary Burd  
Copyright 2018 Gary Burd

----- (separator) -----  
-----

---

== Dependency  
github.com/google/btree

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/google/gnostic

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/google/shlex

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/handlers

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013 The Gorilla Handlers Authors. All rights reserved.  
Copyright 2013 The Gorilla Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/mux

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012-2018 The Gorilla Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 Gorilla Authors. All rights reserved.  
Copyright 2012 The Gorilla Authors. All rights reserved.

```
----- (separator) -----
-----

== Dependency
github.com/gosuri/uitable

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2014 Mitchell Hashimoto
Copyright (c) 2015, Greg Osuri

----- (separator) -----
-----

== Dependency
github.com/gregjones/httpcache

== License Type
SPDX:MIT

== Copyright
Copyright © 2012 Greg Jones (greg.jones@gmail.com)

----- (separator) -----
-----

== Dependency
github.com/hashicorp/errwrap

== License Type
SPDX:MPL-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/hashicorp/go-multierror

== License Type
SPDX:MPL-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/hashicorp/golang-lru

== License Type
```

## Third-Party Notices

---

SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/huandu/xstrings

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Huan Du  
Copyright 2015 Huan Du. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/imdario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/jmoiron/sqlx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013, Jason Moiron

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright

Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
 -----

== Dependency  
 github.com/json-iterator/go

== License Type  
 SPDX:MIT

== Copyright  
 Copyright (c) 2016 json-iterator

----- (separator) -----  
 -----

== Dependency  
 github.com/klauspost/compress

== License Type  
 Copyright (c) 2012 The Go Authors. All rights reserved.  
 Copyright (c) 2019 Klaus Post. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----

Files: gzhttp/\*

Apache License  
 Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright 2016-2017 The New York Times Company

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

Files: s2/cmd/internal/readahead/\*

The MIT License (MIT)

## Third-Party Notices

---

Copyright (c) 2015 Klaus Post

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
Files: snappy/\*  
Files: internal/snapref/\*

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----

Files: s2/cmd/internal/filepathx/\*

Copyright 2016 The filepathx Authors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright

Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
 Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.\n"+  
 Copyright (c) 2012 The Go Authors. All rights reserved.  
 Copyright (c) 2013, Yann Collet, released under BSD License.  
 Copyright (c) 2015 Klaus Post  
 Copyright (c) 2015 Klaus Post, released under MIT License. See LICENSE file.  
 Copyright (c) 2015, Pierre Curto  
 Copyright (c) 2016 Caleb Spare  
 Copyright (c) 2016 Caleb Spare.  
 Copyright (c) 2019 Klaus Post. All rights reserved.  
 Copyright (c) 2019+ Klaus Post. All rights reserved.\n\n")  
 Copyright (c) 2021 Klaus Post. All rights reserved.  
 Copyright (c) 2022 Klaus Post. All rights reserved.  
 Copyright (c) 2022+ Klaus Post. All rights reserved.  
 Copyright (c) 2023"))  
 Copyright (c) 2023".  
 Copyright (c) 2023+ Klaus Post. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2011 The Snappy-Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.

## Third-Party Notices

---

```
Copyright 2016 The Go Authors. All rights reserved.
Copyright 2016 The Snappy-Go Authors. All rights reserved.
Copyright 2016 The filepathx Authors
Copyright 2016-2017 The New York Times Company
Copyright 2017 The Go Authors. All rights reserved.\n// Use of this source
code is governed by a BSD-style\n// license that can be found in the
LICENSE file.\n\npackage ), uintptr(unsafe.Pointer(_p1)), 0)\n\tif e1 != 0
{\n\t\tterr = errnoErr(e1)\n\t}\n\treturn\n}\n\n// THIS FILE IS GENERATED
BY THE COMMAND AT THE TOP; DO NOT EDIT\n\nfunc Sync() (err error) {\n\t_,
_, e1 := Syscall(      = 0x10\n\tMOVEFILE_FAIL_IF_NOT""")
Copyright 2018 Klaus Post. All rights reserved.
Copyright 2019 The Go Authors. All rights reserved.
Copyright 2019+ Klaus Post. All rights reserved.
Copyright 2020+ Klaus Post. All rights reserved.
Copyright 2021 The Go Authors. All rights reserved.
Copyright 2022""
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/lann/builder
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2014-2015 Lann Martin
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/lann/ps
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2013 Michael Hendricks
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/lib/pq
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (C) 2011 Blake Mizerany
Copyright (c) 2011-2013, 'pq' Contributors
Copyright (c) 2014 - Gustavo Niemeyer <gustavo@niemeyer.net>
```

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/liggitt/tabwriter  
  
== License Type  
SPDX:BSD-3-Clause--modified-by-Google  
  
== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/mailru/easyjson  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/mattn/go-colorable  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/mattn/go-isatty  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/mattn/go-runewidth
```

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/copystructure

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/go-wordwrap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/reflectwalk

== License Type

---

SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/moby/locker

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/moby/term

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/monochromegane/go-gitignore

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) [2015] [go-gitignore]

----- (separator) -----  
-----

== Dependency  
github.com/morikuni/aec

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Taihei Morikuni

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/go-digest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.  
Copyright 2017 Docker, Inc.  
Copyright 2019, 2020 OCI Contributors  
Copyright 2020, 2020 OCI Contributors  
Copyright © 2016 Docker, Inc.  
Copyright © 2019, 2020 OCI Contributors

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/opencontainers/image-spec

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.  
Copyright 2016 The Linux Foundation  
Copyright 2016 The Linux Foundation.  
Copyright 2016-2022 The Linux Foundation  
Copyright 2017 The Linux Foundation  
Copyright 2018 The Linux Foundation  
Copyright 2022 The Linux Foundation

----- (separator) -----  
-----

== Dependency  
github.com/peterbourgon/diskv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2012 Peter Bourgon

----- (separator) -----  
-----

== Dependency  
github.com/phayes/freeport

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2014, Patrick Hayes / HighWire Press

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_golang

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright (c) 2015 Bjørn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright

Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices

Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

[github.com/prometheus/common](https://github.com/prometheus/common)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices

Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

[github.com/prometheus/procfs](https://github.com/prometheus/procfs)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Prometheus Team

---

Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

github.com/rubenv/sql-migrate

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2012-2014 by Liam Staskawicz  
Copyright (C) 2014-2017 by Ruben Vermeersch <[ruben@rocketeer.be](mailto:ruben@rocketeer.be)>  
Copyright (C) 2014-2021 by Ruben Vermeersch <[ruben@rocketeer.be](mailto:ruben@rocketeer.be)>

----- (separator) -----  
-----

== Dependency

github.com/russross/blackfriday/v2

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <[russ@russross.com](mailto:russ@russross.com)>.

----- (separator) -----  
-----

== Dependency

github.com/shopspring/decimal

== License Type

SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2013 Oguz Bilgic  
Copyright (c) 2015 Spring, Inc.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cast

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright © 2014 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cobra

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2022 The Cobra Authors

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

---

Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/xeipuuv/gojsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )

----- (separator) -----  
-----

== Dependency  
github.com/xeipuuv/gojsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )

----- (separator) -----  
-----

== Dependency  
github.com/xeipuuv/gojsonschema

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 MongoDB, Inc.  
Copyright 2015 xeipuuv  
Copyright 2015 xeipuuv ( <https://github.com/xeipuuv> )  
Copyright 2017 johandorland ( <https://github.com/johandorland> )  
Copyright 2018 johandorland ( <https://github.com/johandorland> )

----- (separator) -----  
-----

== Dependency  
github.com/xlab/treeprint

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2016 Maxim Kupriianov <[max@kc.vc](mailto:max@kc.vc)>

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/yvasiyarov/go-metrics

== License Type  
Copyright 2012 Richard Crowley. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY RICHARD CROWLEY ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL RICHARD CROWLEY OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Richard Crowley.

== Copyright  
Copyright 2012 Richard Crowley. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/yvasiyarov/gorelic

== License Type  
Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/yvasiyarov/newrelic\_platform\_go

== License Type

Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

== Copyright

Copyright (c) 2013 Yuriy Vasiyarov. All rights reserved.

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/otel

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/otel/trace

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.starlark.net

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2017 The Bazel Authors. All rights reserved.

Copyright (c) 2018 The Bazel Authors.

Copyright 2017 The Bazel Authors. All rights reserved.

Copyright 2018 The Bazel Authors. All rights reserved.

Copyright 2019 The Bazel Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/crypto

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2017 The Go Authors. All rights reserved.  
 Copyright (c) 2019 The Go Authors. All rights reserved.  
 Copyright (c) 2020 The Go Authors. All rights reserved.  
 Copyright (c) 2021 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2012 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Go Authors. All rights reserved.  
 Copyright 2015 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2017 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2022 The Go Authors. All rights reserved.  
 Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
 -----

== Dependency  
 golang.org/x/net

== License Type  
 SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
 Copyright (c) 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

## Third-Party Notices

---

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/text

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

## Third-Party Notices

---

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/time

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging

that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors

## Third-Party Notices

---

Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/protobuf](http://google.golang.org/protobuf)

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by  
Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive,  
no-charge, royalty-free, irrevocable (except as stated in this section)  
patent license to make, have made, use, offer to sell, sell, import,  
transfer and otherwise run, modify and propagate the contents of this  
implementation of Go, where such license applies only to those patent  
claims, both currently owned or controlled by Google and acquired in  
the future, licensable by Google that are necessarily infringed by this  
implementation of Go. This grant does not include claims that would be  
infringed only as a consequence of further modification of this  
implementation. If you or your agent or exclusive licensee institute or

order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

## Third-Party Notices

---

== License Type

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov

Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

k8s.io/apiextensions-apiserver

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

---

Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cli-runtime

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-base

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.

## Third-Party Notices

---

Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

---

== Dependency  
k8s.io/kubect1

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utills

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
oras.land/oras-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 ORAS Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type  
Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

## Third-Party Notices

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

- Copyright (c) 2009 The Go Authors. All rights reserved.
- Copyright 2010 The Go Authors. All rights reserved.
- Copyright 2011 The Go Authors. All rights reserved.
- Copyright 2013 The Go Authors. All rights reserved.
- Copyright 2016 The Go Authors. All rights reserved.
- Copyright 2018 The Go Authors. All rights reserved.
- Copyright 2019 The Go Authors. All rights reserved.
- Copyright 2021 The Go Authors. All rights reserved.
- Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

---

== Dependency  
sigs.k8s.io/kustomize/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/kustomize/kyaml

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright (c) 2018 QRI, Inc.  
Copyright 2011-2016 Canonical Ltd.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/structured-merge-diff/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

## Third-Party Notices

---

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or

## Third-Party Notices

---

translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only

to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a

## Third-Party Notices

---

whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be

enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

## Third-Party Notices

---

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

----- (separator) -----  
-----  
== SPDX:MPL-2.0

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

## 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such

Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

#### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

#### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of

the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name

of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

##### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

##### Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

----- (separator) -----  
-----  
== SPDX:Zlib

zlib License

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product,

## Third-Party Notices

---

an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

```
"
The Kubernetes Authors, Kubernetes API, 0.26.1, -----
----- Top-Level License -----
SPDX:Apache-2.0

----- Copyright -----
-----
Copyright 2015 The Kubernetes Authors.
Copyright 2016 The Kubernetes Authors.
Copyright 2017 The Kubernetes Authors.
Copyright 2018 The Kubernetes Authors.
Copyright 2019 The Kubernetes Authors.
Copyright 2020 The Kubernetes Authors.
Copyright 2021 The Kubernetes Authors.
Copyright 2022 The Kubernetes Authors.

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- Apache-2.0
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----
-----

== Dependency
github.com/go-logr/logr

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2019 The logr Authors.
Copyright 2020 The logr Authors.
Copyright 2021 The logr Authors.

----- (separator) -----
-----

== Dependency
github.com/gogo/protobuf

== License Type
```

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/gofuzz

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/json-iterator/go

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency

github.com/modern-go/concurrent

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any

entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.

---

Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type

Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces  
of,  
the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including  
the original version of the Work and any modifications or additions  
to that Work or Derivative Works thereof, that is intentionally  
submitted to Licensor for inclusion in the Work by the copyright  
owner

or by an individual or Legal Entity authorized to submit on behalf  
of

the copyright owner. For the purposes of this definition,  
""submitted""

means any form of electronic, verbal, or written communication sent  
to the Licensor or its representatives, including but not limited to  
communication on electronic mailing lists, source code control  
systems,

and issue tracking systems that are managed by, or on behalf of, the  
Licensor for the purpose of discussing and improving the Work, but  
excluding communication that is conspicuously marked or otherwise  
designated in writing by the copyright owner as ""Not a  
Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal  
Entity

on behalf of whom a Contribution has been received by Licensor and  
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of  
this License, each Contributor hereby grants to You a perpetual,  
worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
copyright license to reproduce, prepare Derivative Works of,  
publicly display, publicly perform, sublicense, and distribute the  
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of  
this License, each Contributor hereby grants to You a perpetual,  
worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
(except as stated in this section) patent license to make, have  
made,

use, offer to sell, sell, import, and otherwise transfer the Work,  
where such license applies only to those patent claims licensable  
by such Contributor that are necessarily infringed by their  
Contribution(s) alone or by combination of their Contribution(s)  
with the Work to which such Contribution(s) was submitted. If You  
institute patent litigation against any entity (including a  
cross-claim or counterclaim in a lawsuit) alleging that the Work  
or a Contribution incorporated within the Work constitutes direct  
or contributory patent infringement, then any patent licenses  
granted to You under this License for that Work shall terminate  
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the  
Work or Derivative Works thereof in any medium, with or without  
modifications, and in Source or Object form, provided that You  
meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

## Third-Party Notices

---

-----  
internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

== License Type

SPDX:Apache-2.0

---

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- Licenses -----  
-----  
----- (separator) -----  
-----  
== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form,

## Third-Party Notices

---

made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a

---

Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

## Third-Party Notices

---

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on

the same "printed page" as the copyright notice for easier  
identification  
within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"  
**The Kubernetes Authors,kubernetes,1.27.5,"**

----- Top-Level License -----  
-----  
SPDX:Apache-2.0

----- Copyright -----  
-----  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.

Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- GPL-3.0
- ISC
- MIT
- MPL-2.0

----- (separator) -----  
-----

== Dependency  
4d63.com/gocheckcompilerdirectives

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2023 Leigh McCulloch

----- (separator) -----  
-----

== Dependency  
4d63.com/gochecknoglobals

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Leigh McCulloch

----- (separator) -----  
-----

== Dependency  
bitbucket.org/bertimus9/systemstat

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Phillip Bond

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google, Inc. Package foo does bar.", 27, """},  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020, Google LLC  
Copyright 2021 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/Abirdcfly/dupword

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Abirdcfly

----- (separator) -----  
-----

== Dependency  
github.com/Antonboom/errname

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Anton Telyshev

---

----- (separator) -----  
-----

== Dependency  
github.com/Antonboom/nilnil

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Anton Telyshev

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-sdk-for-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Microsoft  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2014-2017 Microsoft

== Notices  
Microsoft Azure-SDK-for-Go  
Copyright 2014-2017 Microsoft

This product includes software developed at  
the Microsoft Corporation (<https://www.microsoft.com>).

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/adal

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/autorest/date

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/autorest/mocks

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/autorest/to

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency

github.com/Azure/go-autorest/autorest/validation

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Microsoft Corporation

Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-azure-rest-logger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-azure-rest-tracing

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
Copyright 2018 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/BurntSushi/toml

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 TOML authors  
Copyright (c) 2018 TOML authors  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Djarvur/go-err113

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Djarvur

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/GaijinEntertainment/go-exhauststruct/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Gaijin Entertainment

----- (separator) -----  
-----

== Dependency  
github.com/GoogleCloudPlatform/k8s-cloud-provider

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
github.com/MakeNowJust/heredoc

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2019 TSUYUSATO Kitsune

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/semver

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014-2019, Matt Butcher and Matt Farina

----- (separator) -----  
-----

== Dependency  
github.com/NYTimes/gziphandler

== License Type  
SPDX:Apache-2.0

---

== Copyright  
Copyright 2016-2017 The New York Times Company

----- (separator) -----  
-----

== Dependency  
github.com/OpenPeeDeeP/depguard

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Copyright (C) <year> <name of author>

----- (separator) -----  
-----

== Dependency  
github.com/alexkohler/prealloc

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Alex Kohler

----- (separator) -----  
-----

== Dependency  
github.com/alingse/asasalint

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 alingse

----- (separator) -----  
-----

== Dependency  
github.com/antlr/antlr4/runtime/Go/antlr

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.  
Copyright 2021 The ANTLR Project

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/armon/circbuf

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Armon Dadgar

----- (separator) -----  
-----

== Dependency  
github.com/asaskevich/govalidator

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Alex Saskevich

----- (separator) -----  
-----

== Dependency  
github.com/ashanbrown/forbidigo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Andrew Shannon Brown

----- (separator) -----  
-----

== Dependency  
github.com/ashanbrown/makezero

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Andrew Shannon Brown

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Carl Jackson  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices

AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/bkielbasa/cyclop

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Bartlomiej Klimczak

----- (separator) -----  
-----

== Dependency  
github.com/blang/semver

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>

----- (separator) -----  
-----

== Dependency  
github.com/blang/semver/v4

== License Type

## Third-Party Notices

---

SPDX:MIT

== Copyright

Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>

----- (separator) -----  
-----

== Dependency

github.com/blizzy78/varnamelen

== License Type

SPDX:MIT

== Copyright

Copyright 2021-2022 Maik Schreiber

----- (separator) -----  
-----

== Dependency

github.com/bombsimon/wsl/v3

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018 Simon Sawert

----- (separator) -----  
-----

== Dependency

github.com/breml/bidichk

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2021 Lucas Bremgartner

----- (separator) -----  
-----

== Dependency

github.com/breml/errchkjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Lucas Bremgartner

----- (separator) -----  
-----

---

== Dependency  
github.com/butuzov/ireturn

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Oleg Butuzov

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/backoff/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/chai2010/gettext-go

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) YEAR THE PACKAGE'S COPYRIGHT HOLDER  
Copyright 2013 <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2013 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2020 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/charithe/durationcheck

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/chavacava/garif

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Salvador Cavadini

----- (separator) -----  
-----

== Dependency  
github.com/checkpoint-restore/go-criu/v5

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/cilium/ebpf

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015-2017 Cloudflare, Inc. All rights reserved.  
Copyright (c) 2017 Nathan Sweet  
Copyright (c) 2018, 2019 Cloudflare  
Copyright (c) 2019 Authors of Cilium

----- (separator) -----  
-----

== Dependency  
github.com/client9/misspell

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

---

Copyright (c) 2015-2017 Nick Galbreath  
Copyright 2011 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/container-storage-interface/spec

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/containerd/console

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/containerd/ttrpc

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/coredns/caddy

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Light Code Labs, LLC

----- (separator) -----  
-----

== Dependency  
github.com/coredns/corefile-migration

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-oidc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2014 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-semver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-systemd/v22

== License Type  
SPDX:Apache-2.0

## == Copyright

Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.

## == Notices

CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

## == Dependency

github.com/cpuguy83/go-md2man/v2

## == License Type

SPDX:MIT

## == Copyright

Copyright (c) 2014 Brian Goff

----- (separator) -----  
-----

## == Dependency

github.com/curioswitch/go-reassign

## == License Type

SPDX:MIT

## == Copyright

Copyright (c) Choko (choko@curioswitch.org)

----- (separator) -----  
-----

## == Dependency

github.com/cyphar/filepath-securejoin

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

## Third-Party Notices

---

Copyright (C) 2014-2015 Docker Inc & Go Authors. All rights reserved.  
Copyright (C) 2017 SUSE LLC. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/daixiang0/gci

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2020, Xiang Dai

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type  
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
github.com/daviddengcn/go-colortext

== License Type  
BSD License  
=====

Copyright (c) 2016, David Deng  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of go-colortext nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

MIT License  
=====

Copyright (c) 2016 David Deng

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== Copyright

Copyright (c) 2016 David Deng  
Copyright (c) 2016, David Deng

----- (separator) -----  
-----

== Dependency

github.com/denis-tingaikin/go-header

== License Type

SPDX:GPL-3.0

== Copyright

Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Copyright (C) <year> <name of author>  
Copyright (c) 2020-2022 Denis Tingaikin

----- (separator) -----  
-----

== Dependency

github.com/dnephin/pflag

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/docker/distribution

== License Type

---

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency

github.com/docker/go-units

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Docker, Inc.

Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency

github.com/dustin/go-humanize

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2005-2008 Dustin Sallings <dustin@spy.net>

----- (separator) -----  
-----

== Dependency

github.com/emicklei/go-restful/v3

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012,2013 Ernest Micklei

Copyright 2013 Ernest Micklei. All rights reserved.

Copyright 2014 Ernest Micklei. All rights reserved.

Copyright 2015 Ernest Micklei. All rights reserved.

Copyright 2018 Ernest Micklei. All rights reserved.

Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/emirpasic/gods

== License Type

Copyright (c) 2015, Emir Pasic

All rights reserved.

## Third-Party Notices

---

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

AVL Tree:

Copyright (c) 2017 Benjamin Scher Purcell <benjapurcell@gmail.com>

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2015, Emir Pasic

Copyright (c) 2015, Emir Pasic. All rights reserved.

Copyright (c) 2017 Benjamin Scher Purcell <benjapurcell@gmail.com>

---

Copyright (c) 2017, Benjamin Scher Purcell. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/esimonov/ifshort

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Eugene Simonov

----- (separator) -----  
-----

== Dependency  
github.com/ettle/strcase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Liyan David Chang

----- (separator) -----  
-----

== Dependency  
github.com/euank/go-kmsg-parser

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Euan Kemp

----- (separator) -----  
-----

== Dependency  
github.com/evanphx/json-patch

== License Type  
Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.

## Third-Party Notices

---

- \* Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"  
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/exponent-io/jsonpath

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Exponent Labs LLC

----- (separator) -----  
-----

== Dependency  
github.com/fatih/camelcase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Fatih Arslan

----- (separator) -----  
-----

```
== Dependency
github.com/fatih/color
```

```
== License Type
SPDX:MIT
```

```
== Copyright
Copyright (c) 2013 Fatih Arslan
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/fatih/structtag
```

```
== License Type
Copyright (c) 2017, Fatih Arslan
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this

- list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

- \* Neither the name of structtag nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software includes some portions from Go. Go is used under the terms of the

## Third-Party Notices

---

BSD like license.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The Go gopher was designed by Renee French.  
<http://reneefrench.blogspot.com/> The design is licensed under the Creative Commons 3.0 Attributions license. Read this article for more details:  
<https://blog.golang.org/gopher>

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2017, Fatih Arslan

----- (separator) -----  
-----

== Dependency

[github.com/felixge/httpsnoop](https://github.com/felixge/httpsnoop)

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Felix Geisendörfer (felix@debuggable.com)

----- (separator) -----  
-----

---

== Dependency  
github.com/firefart/nonamedreturns

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Copyright (C) <year> <name of author>

----- (separator) -----  
-----

== Dependency  
github.com/fsnotify/fsnotify

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright © 2012 The Go Authors. All rights reserved.  
Copyright © fsnotify Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/fvbommel/sortorder

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Frits van Bommel

----- (separator) -----  
-----

== Dependency  
github.com/fzipp/gocyclo

== License Type  
Copyright (c) 2013 Frederik Zipp. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright owner nor the names of its contributors may be used to endorse or promote products derived from

## Third-Party Notices

---

this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013 Frederik Zipp. All rights reserved.  
Copyright 2013 Frederik Zipp. All rights reserved.  
Copyright 2020 Frederik Zipp. All rights reserved.  
Copyright 2021 Frederik Zipp. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/go-critic/go-critic

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2018-2021 go-critic team

----- (separator) -----  
-----

== Dependency

github.com/go-errors/errors

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Conrad Irwin <conrad@bugsnag.com>

----- (separator) -----  
-----

== Dependency

github.com/go-git/gcfg

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

---

Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-git/go-billy/v5

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Sourced Technologies S.L.

----- (separator) -----  
-----

== Dependency  
github.com/go-git/go-git/v5

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Oleg Sklyar, Silvertern and source{d}  
Copyright 2018 Sourced Technologies, S.L.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/stdr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.

## Third-Party Notices

---

Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/zapr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Solly Ross  
Copyright 2019 The logr Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swag

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

---

== Dependency  
github.com/go-toolsmith/astcast

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astcopy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astequal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Iskander Sharipov / Quasilyte

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astfmt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astp

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/strparse

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/typep

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-xmlfmt/xmlfmt

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2022, Antonio Sun  
Copyright (c) 2016 go-xmlfmt

----- (separator) -----  
-----

== Dependency  
github.com/gobwas/glob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Sergey Kamardin

----- (separator) -----  
-----

== Dependency  
github.com/godbus/dbus/v5

---

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013, Georg Reinke (<guelfey at gmail dot com>), Google

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/flock

== License Type  
Copyright (c) 2015-2020, Tim Heckman  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of gofrs nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015-2020, Tim Heckman  
Copyright 2015 Tim Heckman. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2018 The Gofrs. All rights reserved.  
Copyright 2019 Tim Heckman. All rights reserved. Use of this source code is

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/uuid

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013-2018 by Maxim Bubliss <b@codemonkey.ru>  
Copyright (c) 2018 Andrei Tudor Calin <mail@acln.ro>

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang-jwt/jwt/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Dave Grijalva

---

Copyright (c) 2021 golang-jwt maintainers

----- (separator) -----  
-----

== Dependency  
github.com/golang/grouper

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/mock

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2010 Google Inc.  
Copyright 2011 Google Inc.  
Copyright 2012 Google Inc.  
Copyright 2019 Google LLC  
Copyright 2020 Google Inc.  
Copyright 2020 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/golangci/check

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. {http://fsf.org/}  
Copyright (C) 2013 opennota  
Copyright (C) {year} {name of author}

----- (separator) -----  
-----

== Dependency  
github.com/golangci/dupl

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Michal Bohusl·vek

----- (separator) -----  
-----

== Dependency  
github.com/golangci/go-misc

== License Type  
Copyright (c) 2012 RÈmy Oudompheng. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The name of RÈmy Oudompheng may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT

---

(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 RÈmy Oudompheng. All rights reserved.  
Copyright 2012 RÈmy Oudompheng. All rights reserved.  
Copyright 2017 RÈmy Oudompheng. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/golangci/gofmt

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/golangci/golangci-lint

== License Type

SPDX:GPL-3.0

== Copyright

Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Copyright (C) 2012 Alec Thomas  
Copyright (C) <year> <name of author>  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Fredrik Wallgren  
Copyright (c) 2017 Alex Kohler  
Copyright (c) 2018 Alex Kohler  
Copyright (c) 2018 Leigh McCulloch  
Copyright (c) 2020 Rocketseat  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/golangci/lint-1

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golangci/maligned

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golangci/misspell

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2017 Nick Galbreath  
Copyright 2011 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golangci/revgrep

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency

---

github.com/golangci/unconvert

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/btree

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google Inc.

----- (separator) -----  
-----

== Dependency

github.com/google/cadvisor

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2012-2015 Docker, Inc.

Copyright 2014 Google Inc. All Rights Reserved.

Copyright 2014 The cAdvisor Authors

Copyright 2015 Google Inc. All Rights Reserved.

Copyright 2015 Google Inc. All rights reserved.

Copyright 2016 Google Inc. All Rights Reserved.

Copyright 2017 Google Inc. All Rights Reserved.

Copyright 2018 Google Inc. All Rights Reserved.

Copyright 2019 Google Inc. All Rights Reserved.

Copyright 2020 Google Inc. All Rights Reserved.

Copyright 2021 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/cel-go

== License Type

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
=
The common/types/pb/equal.go modification of proto.Equal logic
=====
=
Copyright (c) 2018 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency

github.com/google/gnostic

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

== Dependency

---

github.com/google/go-cmp

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2017 The Go Authors. All rights reserved.

Copyright 2017, The Go Authors. All rights reserved.

Copyright 2018, The Go Authors. All rights reserved.

Copyright 2019, The Go Authors. All rights reserved.

Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/go-flow-levee

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 Google LLC

Copyright 2020 Google LLC

Copyright 2021 Google LLC

----- (separator) -----  
-----

== Dependency

github.com/google/go-github/v33

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013 The go-github AUTHORS. All rights reserved.

Copyright 2013 The go-github AUTHORS. All rights reserved.

Copyright 2014 The go-github AUTHORS. All rights reserved.

Copyright 2015 The go-github AUTHORS. All rights reserved.

Copyright 2016 The go-github AUTHORS. All rights reserved.

Copyright 2017 The go-github AUTHORS. All rights reserved.

Copyright 2018 The go-github AUTHORS. All rights reserved.

Copyright 2019 The go-github AUTHORS. All rights reserved.

Copyright 2020 The go-github AUTHORS. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/go-querystring

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

## Third-Party Notices

---

Copyright (c) 2013 Google. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/shlex

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/gax-go/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2016, Google Inc.  
Copyright 2018, Google Inc.  
Copyright 2019, Google Inc.

---

Copyright 2021 Google LLC  
Copyright 2021, Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/gordonklaus/ineffassign

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Gordon Klaus and contributors

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/websocket

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/analysisutil

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 GoStaticAnalysis

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/comment

== License Type  
SPDX:MIT

## Third-Party Notices

---

== Copyright  
Copyright (c) 2018 Takuya Ueda

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/forcetypeassert

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 GoStaticAnalysis

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/nilerr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 GoStaticAnalysis

----- (separator) -----  
-----

== Dependency  
github.com/gregjones/httpcache

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2012 Greg Jones (greg.jones@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/go-grpc-middleware

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Improbable Worlds Ltd, All Rights Reserved  
Copyright 2016 Michal Witkowski. All Rights Reserved.  
Copyright 2017 David Ackroyd. All Rights Reserved.  
Copyright 2017 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

---

== Dependency  
github.com/grpc-ecosystem/go-grpc-prometheus

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/grpc-gateway

== License Type  
Copyright (c) 2015, Gengo, Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

- \* Neither the name of Gengo, Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this  
software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

== Copyright  
Copyright (c) 2015, Gengo, Inc.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/grpc-gateway/v2

== License Type  
Copyright (c) 2015, Gengo, Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
- \* Neither the name of Gengo, Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this  
software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

```
== Copyright
Copyright (c) 2015, Gengo, Inc.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/hashicorp/errwrap
```

```
== License Type
SPDX:MPL-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/hashicorp/go-cleanhttp
```

```
== License Type
SPDX:MPL-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/hashicorp/go-multierror
```

```
== License Type
SPDX:MPL-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/hashicorp/go-retryablehttp
```

```
== License Type
SPDX:MPL-2.0
```

```
== Copyright
(no copyright notices found)
```

```
----- (separator) -----
-----
```

## Third-Party Notices

---

== Dependency  
github.com/hashicorp/go-version

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/hcl

== License Type  
SPDX:MPL-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/hexops/gotextdiff

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/imdario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

== Dependency

---

github.com/ishidawataru/sctp

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/jbenet/go-context

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Juan Batiz-Benet

----- (separator) -----  
-----

== Dependency  
github.com/jgautheron/goconst

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Jonathan Gautheron

----- (separator) -----  
-----

== Dependency  
github.com/jingyugao/rowserrcheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Seiji Takahashi

----- (separator) -----  
-----

== Dependency  
github.com/jirfag/go-printf-func-name

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Isaev Denis

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/jonboulle/clockwork

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/julz/importas

== License Type  
SPDX:Apache-2.0

---

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/junkltn/musttag

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 junkltn

----- (separator) -----  
-----

== Dependency  
github.com/karrick/godirwalk

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2017, Karrick McDermott

----- (separator) -----  
-----

== Dependency  
github.com/kevinburke/ssh\_config

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 - 2017 Thomas Pelletier, Eric Anderton  
Copyright (c) 2017 Kevin Burke.

----- (separator) -----  
-----

== Dependency  
github.com/kisielk/errcheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Kamil Kisiel

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/kisielk/gotool

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013 Kamil Kisiel <kamil@kamilkisiel.net>  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/kkHAIKE/contextcheck

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 sylvia.wang

----- (separator) -----  
-----

== Dependency  
github.com/kulti/thelper

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Aleksey Bakin

----- (separator) -----  
-----

== Dependency  
github.com/kunwardeep/paralleltest

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Kunwardeep Bedi

----- (separator) -----  
-----

== Dependency  
github.com/kyoh86/exportloopref

== License Type

---

SPDX:MIT

== Copyright  
Copyright (c) 2020 kyoh86

----- (separator) -----  
-----

== Dependency  
github.com/ldez/gomoddirectives

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 Fernandez Ludovic

----- (separator) -----  
-----

== Dependency  
github.com/ldez/tagliatelle

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 Fernandez Ludovic

----- (separator) -----  
-----

== Dependency  
github.com/leonklingele/grouper

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Copyright (C) <year> <name of author>

----- (separator) -----  
-----

== Dependency  
github.com/libopenstorage/openstorage

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.  
Copyright (C) 2014 Andreas Klauer <[Andreas.Klauer@metamorpher.de](mailto:Andreas.Klauer@metamorpher.de)>  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2015 Openstorage.org.

## Third-Party Notices

---

Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/liggitt/tabwriter

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/lithammer/dedent

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Peter Lithammer

----- (separator) -----  
-----

== Dependency  
github.com/lufeee/execinquery

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 lufe

----- (separator) -----  
-----

== Dependency  
github.com/magiconair/properties

== License Type  
Copyright (c) 2013-2020, Frank Schroeder

All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND  
ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013-2020, Frank Schroeder  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013-2014 Frank Schroeder. All rights reserved.  
Copyright 2018 Frank Schroeder. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/mailru/easyjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency

github.com/maratori/testableexamples

== License Type

## Third-Party Notices

---

SPDX:MIT

== Copyright  
Copyright (c) 2022 Marat Reymers

----- (separator) -----  
-----

== Dependency  
github.com/maratori/testpackage

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Marat Reymers

----- (separator) -----  
-----

== Dependency  
github.com/matoous/godox

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Matous Dzivjak

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-colorable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-isatty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----  
-----

---

== Dependency  
github.com/matttn/go-runewidth

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/mbilski/exhaustivestruct

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Mateusz Bilski

----- (separator) -----  
-----

== Dependency  
github.com/mgechev/revive

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Minko Gechev

----- (separator) -----  
-----

== Dependency  
github.com/mistifyio/go-zfs

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014, OmniTI Computer Consulting, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/go-homedir

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/go-wordwrap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/mapstructure

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/moby/ipvs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, inc. Code released under the [Apache 2.0  
license](LICENSE).

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/moby/sys/mountinfo

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/moby/term

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/mohae/deepcopy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Joel

----- (separator) -----  
-----

== Dependency  
github.com/monochromegane/go-gitignore

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) [2015] [go-gitignore]

----- (separator) -----  
-----

== Dependency  
github.com/moricho/tparallel

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 moricho

----- (separator) -----  
-----

---

== Dependency  
github.com/mrunalp/fileutils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/mxk/go-flowrate

== License Type  
Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the go-flowrate project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/nakabonne/nestif

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2020, Ryo Nakao  
Copyright 2020 Ryo Nakao <ryo@nakao.dev>.

----- (separator) -----  
-----

---

== Dependency  
github.com/nbutton23/zxcvbn-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Nathan Button

----- (separator) -----  
-----

== Dependency  
github.com/nishanths/exhaustive

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2020, Nishanth Shanmugham

----- (separator) -----  
-----

== Dependency  
github.com/nishanths/predeclared

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017, Nishanth Shanmugham

----- (separator) -----  
-----

== Dependency  
github.com/nunnatsa/ginkgolinter

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Nahshon Unna Tsameret

----- (separator) -----  
-----

== Dependency  
github.com/olekukonko/tablewriter

== License Type  
SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (C) 2014 by Oleku Konko  
Copyright 2014 Oleku Konko All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/onsi/ginkgo/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri  
Copyright (c) 2016 Yasuhiro Matsumoto  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/onsi/gomega

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/go-digest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.  
Copyright 2017 Docker, Inc.  
Copyright 2019, 2020 OCI Contributors  
Copyright 2020, 2020 OCI Contributors  
Copyright © 2016 Docker, Inc.  
Copyright © 2019, 2020 OCI Contributors

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/runc

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright (C) 2020 Aleksa Sarai <cyphar@cyphar.com>  
Copyright (C) 2020 SUSE LLC  
Copyright 2012-2015 Docker, Inc.  
Copyright 2014 Docker, Inc.  
Copyright 2016 SUSE LLC  
Copyright 2016, 2017 SUSE LLC  
copyright 2014 Docker, inc.

== Notices  
runc

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<http://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <http://www.bis.doc.gov>

See also <http://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/opencontainers/runtime-spec](https://github.com/opencontainers/runtime-spec)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.  
Copyright 2015 The Linux Foundation.

----- (separator) -----  
-----

== Dependency  
[github.com/opencontainers/selinux](https://github.com/opencontainers/selinux)

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/pelletier/go-toml/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 - 2022 Thomas Pelletier, Eric Anderton

----- (separator) -----  
-----

== Dependency  
github.com/peterbourgon/diskv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2012 Peter Bourgon

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/pmezard/go-difflib

== License Type  
Copyright (c) 2013, Patrick Mezard  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013, Patrick Mezard

----- (separator) -----  
-----

== Dependency

github.com/polyfloyd/go-errorlint

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 polyfloyd

----- (separator) -----  
-----

== Dependency

github.com/pquerna/cachecontrol

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2015 Paul Querna

----- (separator) -----  
-----

== Dependency

github.com/prometheus/client\_golang

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013, The Prometheus Authors

Copyright (c) 2015 Björn Rabenstein

Copyright 2010 The Go Authors

## Third-Party Notices

---

Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

### == Notices

Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.

---

Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/common

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/procfs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

## Third-Party Notices

---

### == Notices

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[github.com/quasilyte/go-ruleguard](https://github.com/quasilyte/go-ruleguard)

### == License Type

SPDX:BSD-3-Clause

### == Copyright

Copyright (c) 2022, Iskander (Alex) Sharipov / quasilyte

----- (separator) -----  
-----

### == Dependency

[github.com/quasilyte/gogrep](https://github.com/quasilyte/gogrep)

### == License Type

SPDX:BSD-3-Clause

### == Copyright

Copyright (c) 2017, Daniel Marti <[mvdan@mvdan.cc](mailto:mvdan@mvdan.cc)>  
Copyright (c) 2017, Daniel Marti. All rights reserved.  
Copyright (c) 2021, Iskander (Alex) Sharipov

----- (separator) -----  
-----

### == Dependency

[github.com/quasilyte/regex/syntax](https://github.com/quasilyte/regex/syntax)

### == License Type

SPDX:MIT

### == Copyright

Copyright (c) 2020 Iskander (Alex) Sharipov / quasilyte

----- (separator) -----  
-----

### == Dependency

[github.com/quasilyte/stdinfo](https://github.com/quasilyte/stdinfo)

### == License Type

---

SPDX:MIT

== Copyright  
Copyright (c) 2022 Iskander (Alex) Sharipov

----- (separator) -----  
-----

== Dependency  
github.com/robfig/cron/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2012 Rob Figueiredo

----- (separator) -----  
-----

== Dependency  
github.com/rubiojr/go-vhd

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Sergio Rubio

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday/v2

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <russ@russross.com>.

----- (separator) -----  
-----

== Dependency  
github.com/ryancurrah/gomodguard

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Ryan Currah

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/ryanrolds/sqlclosecheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Ryan R. Olds

----- (separator) -----  
-----

== Dependency  
github.com/sanposhiho/wastedassign/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Kensei Nakada

----- (separator) -----  
-----

== Dependency  
github.com/sashamelentyev/interfacebloat

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Sasha Melentyev

----- (separator) -----  
-----

== Dependency  
github.com/sashamelentyev/usestdlibvars

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Sasha Melentyev

----- (separator) -----  
-----

== Dependency  
github.com/securego/gosec/v2

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright 2016 Hewlett Packard Enterprise Development LP

----- (separator) -----  
-----

== Dependency  
github.com/sergi/go-diff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2006 Google Inc.  
Copyright (c) 2012-2016 The go-diff Authors. All rights reserved.  
Copyright (c) 2012-2016 The go-diff authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/shazow/go-diff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Andrey Petrov

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/sivchari/containedctx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 sivchari

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/sivchari/nosnakecase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 sivchari

----- (separator) -----  
-----

== Dependency  
github.com/sivchari/tenv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 sivchari

----- (separator) -----  
-----

== Dependency  
github.com/soheilhy/cmux

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The CMux Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/sonatard/noctx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 sonatard

----- (separator) -----  
-----

== Dependency  
github.com/sourcegraph/go-diff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Matias Bordese

---

Copyright (c) 2014 Sourcegraph, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/afero

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 tsuru authors. All rights reserved.  
Copyright 2016-present Bjørn Erik Pedersen <bjorn.erik.pedersen@gmail.com>  
Copyright © 2014 Steve Francia <spf@spf13.com>.  
Copyright © 2015 Jerry Jacobs <jerry.jacobs@xor-gate.org>.  
Copyright © 2015 Steve Francia <spf@spf13.com>.  
Copyright © 2016 Steve Francia <spf@spf13.com>.  
Copyright © 2018 Steve Francia <spf@spf13.com>.  
Copyright © 2021 Vasily Ovchinnikov <vasily@remerge.io>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cast

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright © 2014 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cobra

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2022 The Cobra Authors

----- (separator) -----  
-----

== Dependency  
github.com/spf13/jwalterweatherman

== License Type  
SPDX:MIT

## Third-Party Notices

---

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright © 2016 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/viper

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright (c) 2017 Canonical Ltd.  
Copyright © 2014 Steve Francia <spf@spf13.com>.  
Copyright © 2015 Steve Francia <spf@spf13.com>.  
Copyright © 2016 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/ssgreg/nlreturn/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Grigory Zubankov

----- (separator) -----  
-----

== Dependency  
github.com/stbenjam/no-sprintf-host-port

== License Type

---

SPDX:MIT

== Copyright  
Copyright (c) 2022 Stephen Benjamin

----- (separator) -----  
-----

== Dependency  
github.com/stoewer/go-strcase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017, A. Stoewer <adrian.stoewer@rz.ifi.lmu.de>  
Copyright (c) 2017, Adrian Stoewer <adrian.stoewer@rz.ifi.lmu.de>

----- (separator) -----  
-----

== Dependency  
github.com/stretchchr/objx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Stretchchr, Inc.  
Copyright (c) 2017-2018 objx contributors

----- (separator) -----  
-----

== Dependency  
github.com/stretchchr/testify

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

----- (separator) -----  
-----

== Dependency  
github.com/subosito/gotenv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Alif Rachmawadi

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/syndtr/gocapability

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013, Suryandaru Triandana <syndtr@gmail.com>  
Copyright 2013 Suryandaru Triandana <syndtr@gmail.com>

----- (separator) -----  
-----

== Dependency  
github.com/tdakkota/asciicheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 tdakkota

----- (separator) -----  
-----

== Dependency  
github.com/tetafro/godot

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Denis Krivak

----- (separator) -----  
-----

== Dependency  
github.com/timakin/bodyclose

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Seiji Takahashi

----- (separator) -----  
-----

== Dependency  
github.com/timonwong/loggercheck

== License Type

---

SPDX:MIT

== Copyright

Copyright (c) 2022 Timon Wong

Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/tmc/grpc-websocket-proxy

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2016 Travis Cline

----- (separator) -----  
-----

== Dependency

github.com/tomarrell/wrapcheck/v2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Tom Arrell

----- (separator) -----  
-----

== Dependency

github.com/tommy-muehle/go-mnd/v2

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Tommy Muehle

----- (separator) -----  
-----

== Dependency

github.com/ultraware/funlen

== License Type

SPDX:MIT

== Copyright

Copyright 2018 Ultraware Consultancy and Development B.V.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/ultraware/whitespace

== License Type  
SPDX:MIT

== Copyright  
Copyright 2018 Ultraware Consultancy and Development B.V.

----- (separator) -----  
-----

== Dependency  
github.com/uudashr/gocognit

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Nuruddin Ashr

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netlink

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netns

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
github.com/vmware/govmomi

== License Type  
SPDX:Apache-2.0

## == Copyright

Copyright (c) \${YEARS} VMware, Inc. All Rights Reserved.  
 Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright (c) 2014 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2014-2015 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2014-2016 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2014-2017 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2014-2018 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2014-2020 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2014-2022 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015-2016 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015-2017 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015-2019 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015-2020 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015-2021 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2015-2022 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2016 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2016-2017 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2017 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2017-2018 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2017-2021 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2017-2022 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2018 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2018-2022 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2019 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2020 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2020-2022 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2021 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2022 VMware, Inc. All Rights Reserved.  
 Copyright (c) 2022-2022 VMware, Inc. All Rights Reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2016-2017 VMware, Inc. All Rights Reserved.  
 Copyright 2017 VMware, Inc. All Rights Reserved.

----- (separator) -----  
 -----

## == Dependency

github.com/xanzy/go-gitlab

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2021 Paul Cioanca  
 Copyright 2021, Andrea Funto'  
 Copyright 2021, Arkbriar  
 Copyright 2021, Eric Stevens  
 Copyright 2021, Igor Varavko  
 Copyright 2021, Kordian Bruck  
 Copyright 2021, Matej Velikonja  
 Copyright 2021, Patrick Webster  
 Copyright 2021, Paul Shoemaker

## Third-Party Notices

---

Copyright 2021, Sander van Harmelen  
Copyright 2021, Sander van Harmelen, Michael Lihs  
Copyright 2021, Serena Fang  
Copyright 2021, Stany MARCEL

----- (separator) -----  
-----

== Dependency  
github.com/xanzy/ssh-agent

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014 David Mzareulyan  
Copyright 2015, Sander van Harmelen

----- (separator) -----  
-----

== Dependency  
github.com/xiang90/probing

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Xiang Li

----- (separator) -----  
-----

== Dependency  
github.com/xlab/treeprint

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2016 Maxim Kupriianov <max@kc.vc>

----- (separator) -----  
-----

== Dependency  
github.com/yagipy/maintidx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Hiroyuki Yagihashi

----- (separator) -----  
-----

---

== Dependency  
github.com/yeya24/promlinter

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
gitlab.com/bosi/decoder

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Florian Bosdorff

----- (separator) -----  
-----

== Dependency  
go.etcd.io/bbolt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Ben Johnson

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/api/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/pkg/v3

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013 The etcd Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

== Dependency

go.etcd.io/etcd/client/v2

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2019 The etcd Authors

----- (separator) -----  
-----

== Dependency

go.etcd.io/etcd/client/v3

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency

go.etcd.io/etcd/pkg/v3

== License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2014 The etcd Authors  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

## == Dependency

go.etcd.io/etcd/raft/v3

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

## == Dependency

go.etcd.io/etcd/server/v3

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2017 The etcd Lockors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

## == Dependency

go.opencensus.io

## == License Type

SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright

Copyright 2017, OpenCensus Authors

Copyright 2018, OpenCensus Authors

Copyright 2019, OpenCensus Authors

Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/contrib/instrumentation/github.com/emicklei/go-restful/otelrestful

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/contrib/instrumentation/google.golang.org/grpc/otelgrpc

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/contrib/instrumentation/net/http/otelhttp

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/otel

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

```
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/exporters/otlp/internal/retry  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracegrpc  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/metric  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/sdk  
  
== License Type
```

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/proto/otlp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019, OpenTelemetry Authors  
Copyright 2020, OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.starlark.net

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017 The Bazel Authors. All rights reserved.  
Copyright (c) 2018 The Bazel Authors.  
Copyright 2017 The Bazel Authors. All rights reserved.  
Copyright 2018 The Bazel Authors. All rights reserved.  
Copyright 2019 The Bazel Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

== License Type  
SPDX:MIT

== Copyright

---

Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/goleak

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2017-2023 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/multierr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/zap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

## Third-Party Notices

---

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp

== License Type

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp/typeparams

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/term

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/text

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent



""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/api

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by  
Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive,  
no-charge, royalty-free, irrevocable (except as stated in this section)  
patent license to make, have made, use, offer to sell, sell, import,  
transfer and otherwise run, modify and propagate the contents of this  
implementation of Go, where such license applies only to those patent  
claims, both currently owned or controlled by Google and acquired in  
the future, licensable by Google that are necessarily infringed by this  
implementation of Go. This grant does not include claims that would be  
infringed only as a consequence of further modification of this  
implementation. If you or your agent or exclusive licensee institute or  
order or agree to the institution of patent litigation against any  
entity (including a cross-claim or counterclaim in a lawsuit) alleging  
that this implementation of Go or any code incorporated within this  
implementation of Go constitutes direct or contributory patent  
infringement, or inducement of patent infringement, then any patent  
rights granted to you under this License for this implementation of Go

## Third-Party Notices

---

shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/gcfg.v1

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/ini.v1

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Unknwon  
Copyright 2015 Unknwon  
Copyright 2016 Unknwon  
Copyright 2017 Unknwon  
Copyright 2019 Unknwon

----- (separator) -----  
-----

== Dependency  
gopkg.in/natefinch/lumberjack.v2

== License Type  
SPDX:MIT

---

```
== Copyright
Copyright (c) 2014 Nate Finch
```

```
----- (separator) -----
-----
```

```
== Dependency
gopkg.in/square/go-jose.v2
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright (c) 2012 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2014 Square Inc.
Copyright 2016 Square, Inc.
Copyright 2016 Zbigniew Mandziejewicz
Copyright 2017 Square Inc.
Copyright 2018 Square Inc.
```

```
----- (separator) -----
-----
```

```
== Dependency
gopkg.in/warnings.v0
```

```
== License Type
Copyright (c) 2016 Péter Surányi.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

== Copyright  
Copyright (c) 2016 Péter Surányi.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

## Third-Party Notices

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
gotest.tools/gotestsum

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Greg Osuri

== Notices  
Copyright The gotestsum Authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
honnef.co/go/tools

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013 TOML authors  
Copyright (c) 2013 The Go Authors,

Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2014 Dmitry Vyukov. All rights reserved.  
Copyright (c) 2016 Dominik Honnef  
Copyright (c) 2016 Dominik Honnef. All rights reserved.  
Copyright (c) 2017, Daniel Martì. All rights reserved.  
Copyright (c) 2018 Dominik Honnef. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 Dominik Honnef. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
k8s.io/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiextensions-apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cli-runtime

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cloud-provider

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cluster-bootstrap

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/code-generator

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/code-generator/examples

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-base

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-helpers

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/controller-manager

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cri-api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/csi-translation-lib

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/dynamic-resource-allocation

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.

---

Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/gengo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
k8s.io/kms

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kms/plugins/mock

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

---

== Dependency  
k8s.io/kube-aggregator

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-controller-manager

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-proxy

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

---

k8s.io/kube-scheduler

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kubect1

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

k8s.io/kubelet

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kubernetes/hack/tools

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

---

k8s.io/legacy-cloud-providers

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/metrics

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

k8s.io/mount-utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/pod-security-admission

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

---

k8s.io/sample-apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/sample-cli-plugin

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

k8s.io/sample-controller

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/system-validators

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 1019 The Kubernetes Authors."",  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.

Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
mvdan.cc/gofumpt

== License Type  
Copyright (c) 2019, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2019, Daniel Martì <mvdan@mvdan.cc>  
Copyright (c) 2019, Daniel Martì. All rights reserved.  
Copyright (c) 2020, Daniel Martì <mvdan@mvdan.cc>  
Copyright (c) 2021, Daniel Martì <mvdan@mvdan.cc>  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
mvdan.cc/interfacer

== License Type  
Copyright (c) 2015, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015, Daniel Martì <mvdan@mvdan.cc>  
Copyright (c) 2015, Daniel Martì. All rights reserved.

----- (separator) -----  
-----

== Dependency  
mvdan.cc/lint

== License Type  
Copyright (c) 2017, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2017, Daniel Marti <mvdan@mvdan.cc>  
Copyright (c) 2017, Daniel Marti. All rights reserved.

----- (separator) -----  
-----

== Dependency

mvdan.cc/unparam

== License Type

Copyright (c) 2017, Daniel Marti. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

## Third-Party Notices

---

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2017, Daniel Marti <mvdan@mvdan.cc>

Copyright (c) 2017, Daniel Marti. All rights reserved.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/apiserver-network-proxy/konnectivity-client

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 The Kubernetes Authors.

Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/json

== License Type

Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

## Third-Party Notices

---

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

---

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/kustomize/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

sigs.k8s.io/kustomize/kustomize/v5

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

sigs.k8s.io/kustomize/kyaml

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright (c) 2018 QRI, Inc.  
Copyright 2011-2016 Canonical Ltd.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/logtools

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/structured-merge-diff/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

### == Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

sigs.k8s.io/zeitgeist

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2020 The Kubernetes Authors.

Copyright 2021 The Kubernetes Authors.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising

permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to

## Third-Party Notices

---

reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative

Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for

## Third-Party Notices

---

any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"[]"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `"License"`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

```
----- (separator) -----  
-----  
== SPDX:BSD-2-Clause
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

## Third-Party Notices

---

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:GPL-3.0

### GNU GENERAL PUBLIC LICENSE Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and

modification follow.

### TERMS AND CONDITIONS

#### 0. Definitions.

""This License"" refers to version 3 of the GNU General Public License.

""Copyright"" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

""The Program"" refers to any copyrightable work licensed under this License. Each licensee is addressed as ""you"". ""Licensees"" and ""recipients"" may be individuals or organizations.

To ""modify"" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ""modified version"" of the earlier work or a work ""based on"" the earlier work.

A ""covered work"" means either the unmodified Program or a work based on the Program.

To ""propagate"" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To ""convey"" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays ""Appropriate Legal Notices"" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

#### 1. Source Code.

The ""source code"" for a work means the preferred form of the work for making modifications to it. ""Object code"" means any non-source form of a work.

A ""Standard Interface"" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The ""System Libraries"" of an executable work include anything, other

than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

## 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

## 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

#### 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

#### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ""keep intact all notices"".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent

works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

### 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall

be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered ""further restrictions"" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the

form of a separately written license, or stated as exceptions; the above requirements apply either way.

### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

### 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the

Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties

receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

### 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

### 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the

Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

#### 15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

#### 16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

## Third-Party Notices

---

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
-----  
== SPDX:MPL-2.0

Mozilla Public License Version 2.0

### 1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that

controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

#### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

#### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

#### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

### 3. Responsibilities

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

#### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means

## Third-Party Notices

---

in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

#### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

#### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

#### 6. Disclaimer of Warranty

## Third-Party Notices

---

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

#### Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by

## Third-Party Notices

---

the Mozilla Public License, v. 2.0.

```
"
The Kubernetes Authors,client-go,0.28.3,"
----- Top-Level License -----
-----
SPDX:Apache-2.0

----- Copyright -----
-----
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright 2014 The Kubernetes Authors.
Copyright 2015 The Kubernetes Authors.
Copyright 2016 The Kubernetes Authors.
Copyright 2017 The Kubernetes Authors.
Copyright 2018 The Kubernetes Authors.
Copyright 2019 The Kubernetes Authors.
Copyright 2020 The Kubernetes Authors.
Copyright 2021 The Kubernetes Authors.
Copyright 2022 The Kubernetes Authors.
Copyright 2023 The Kubernetes Authors.

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----
-----

== Dependency
github.com/davecgh/go-spew

== License Type
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any
purpose with or without fee is hereby granted, provided that the above
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
```

---

ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency

github.com/emicklei/go-restful/v3

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/evanphx/json-patch

== License Type

Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

## Third-Party Notices

---

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.  
Copyright 2022 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/groupcache

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/btree

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/google/gnostic-models

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2022, Google LLC.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/gofuzz

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/google/uuid

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/gregjones/httpcache

== License Type

SPDX:MIT

== Copyright

Copyright © 2012 Greg Jones (greg.jones@gmail.com)

----- (separator) -----  
-----

== Dependency

github.com/imdario/mergo

== License Type

## Third-Party Notices

---

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2013 Dario CastaòÈ. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2013 Dario CastaòÈ. All rights reserved.

Copyright 2014 Dario CastaòÈ. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/josharian/intern

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency

github.com/json-iterator/go

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency

github.com/mailru/easyjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency

github.com/moby/spdystream

== License Type

SPDX:Apache-2.0

== Copyright

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Tao Wen

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Tao Wen

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright

## Third-Party Notices

---

notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/peterbourgon/diskv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2012 Peter Bourgon

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this

## Third-Party Notices

---

implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sys

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/term

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in

## Third-Party Notices

---

the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent

infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.

## Third-Party Notices

---

Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright

Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type

This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies  
of the Software, and to permit persons to whom the Software is furnished  
to do  
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

## Third-Party Notices

---

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency  
k8s.io/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.

## Third-Party Notices

---

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.

Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type  
Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/structured-merge-diff/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with

## Third-Party Notices

---

that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated

in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least

## Third-Party Notices

---

one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.

The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any

and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

```
----- (separator) -----
=====
== SPDX:BSD-2-Clause
```

Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 =====  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**The Kubernetes Authors, apimachinery, 0.28.3,**

----- Top-Level License -----  
 =====  
 SPDX:Apache-2.0

----- Copyright -----  
 =====  
 Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Kubernetes Authors.  
 Copyright 2015 The Kubernetes Authors.  
 Copyright 2016 The Kubernetes Authors.  
 Copyright 2017 The Kubernetes Authors.  
 Copyright 2018 The Kubernetes Authors.  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2020 The Kubernetes Authors.

## Third-Party Notices

---

Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type  
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
github.com/evanphx/json-patch

== License Type  
Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
[github.com/go-logr/logr](https://github.com/go-logr/logr)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.  
Copyright 2022 The logr Authors.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swag

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.

---

Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gnostic-models

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2022, Google LLC.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

---

== Dependency  
github.com/mailru/easyjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Tao Wen

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright  
Copyright (c) Tao Wen

----- (separator) -----  
-----

== Dependency  
github.com/mxk/go-flowrate

== License Type  
Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the go-flowrate project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/onsi/ginkgo/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri

---

Copyright (c) 2016 Yasuhiro Matsumoto  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/spf13/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/sys

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

---

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

## Third-Party Notices

---

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging

---

that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type

## Third-Party Notices

---

This project is covered by two different licenses: MIT and Apache.

### #### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

```
    apic.go emitterc.go parserc.go readerc.go scannerc.go
    writerc.go yamlh.go yamlprivateh.go
```

Copyright (c) 2006-2010 Kirill Simonov

Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### ### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/klog/v2

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

k8s.io/kube-openapi

== License Type

SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/utils

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

sigs.k8s.io/json

### == License Type

Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.
```

```
See the License for the specific language governing permissions and  
limitations under the License.
```

```
-----
```

```
internal/golang/* files licensed under:
```

```
Copyright (c) 2009 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
 -----

## Third-Party Notices

---

== Dependency  
sigs.k8s.io/yaml

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

## Third-Party Notices

---

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in

this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide

## Third-Party Notices

---

additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate

notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----

== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**The Kubernetes Authors,kubernetes,1.25.9,"3951-----**  
 -- Top-Level License -----  
 SPDX:Apache-2.0

----- Copyright -----  
 -----

Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright (c) 2015-2016 Manfred Touron  
 Copyright (c) 2015-2018 gimme contributors  
 Copyright (c) Microsoft Corporation. All rights reserved.  
 Copyright 2009 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2014 The Kubernetes Authors.  
 Copyright 2015 The Kubernetes Authors.  
 Copyright 2016 The Kubernetes Authors.  
 Copyright 2017 Microsoft Corporation  
 Copyright 2017 The Kubernetes Authors.  
 Copyright 2018 The Kubernetes Authors.  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2020 Google LLC  
 Copyright 2020 The Kubernetes Authors.  
 Copyright 2021 The Kubernetes Authors.  
 Copyright 2022 Google LLC  
 Copyright 2022 The Kubernetes Authors.  
 Copyright 2023 The Kubernetes Authors.

----- Fourth Party Dependencies -----  
 -----

----- Licenses -----  
 -----

- Apache-2.0
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google

## Third-Party Notices

---

- GPL-3.0
- ISC
- MIT
- MPL-2.0
- GPL-2.0
- LGPL-3

----- (separator) -----  
-----

== Dependency  
4d63.com/gocheckcompilerdirectives

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2023 Leigh McCulloch

----- (separator) -----  
-----

== Dependency  
4d63.com/gochecknoglobals

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Leigh McCulloch

----- (separator) -----  
-----

== Dependency  
bitbucket.org/bertimus9/systemstat

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Phillip Bond

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 1996-1998 John D. Polstra. All rights reserved.  
Copyright (c) 2001 David E. O'Brien  
Copyright (c) 2020 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google, Inc. Package foo does bar.", 27, """},  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020, Google LLC  
Copyright 2021 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/Abirdcfly/dupword

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Abirdcfly

----- (separator) -----  
-----

== Dependency  
github.com/Antonboom/errname

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Anton Telyshev

----- (separator) -----  
-----

== Dependency  
github.com/Antonboom/nilnil

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Anton Telyshev

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/Azure/azure-sdk-for-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Microsoft  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2014-2017 Microsoft

== Notices  
Microsoft Azure-SDK-for-Go  
Copyright 2014-2017 Microsoft

This product includes software developed at  
the Microsoft Corporation (<https://www.microsoft.com>).

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/adal

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/date

== License Type  
SPDX:Apache-2.0

== Copyright

---

Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/mocks

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/to

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/autorest/validation

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/logger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/Azure/go-autorest/tracing

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
Copyright 2018 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/BurntSushi/toml

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 TOML authors  
Copyright (c) 2018 TOML authors  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/Djarvur/go-err113

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Djarvur

----- (separator) -----  
-----

== Dependency  
github.com/GaijinEntertainment/go-exhauststruct/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Gaijin Entertainment

----- (separator) -----  
-----

== Dependency

---

github.com/GoogleCloudPlatform/k8s-cloud-provider

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
github.com/MakeNowJust/heredoc

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2019 TSUYUSATO Kitsune

----- (separator) -----  
-----

== Dependency  
github.com/Masterminds/semver

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014-2019, Matt Butcher and Matt Farina

----- (separator) -----  
-----

== Dependency  
github.com/NYTimes/gziphandler

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016-2017 The New York Times Company

----- (separator) -----  
-----

== Dependency  
github.com/OpenPeeDeeP/depguard

== License Type  
SPDX:GPL-3.0

## Third-Party Notices

---

== Copyright

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Copyright (C) <year> <name of author>

----- (separator) -----  
-----

== Dependency

github.com/PuerkitoBio/purell

== License Type

3958Copyright (c) 2012, Martin Angers

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012, Martin Angers

----- (separator) -----  
-----

== Dependency

github.com/PuerkitoBio/urlesc

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

---

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/alexkohler/prealloc

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Alex Kohler

----- (separator) -----  
-----

== Dependency  
github.com/alingse/asasalint

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 alingse

----- (separator) -----  
-----

== Dependency  
github.com/antlr/antlr4/runtime/Go/antlr

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.  
Copyright 2021 The ANTLR Project

----- (separator) -----  
-----

== Dependency  
github.com/armon/circbuf

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Armon Dadgar

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/asaskevich/govalidator

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Alex Saskevich

----- (separator) -----  
-----

== Dependency  
github.com/ashanbrown/forbidigo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Andrew Shannon Brown

----- (separator) -----  
-----

== Dependency  
github.com/ashanbrown/makezero

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Andrew Shannon Brown

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Carl Jackson  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices  
AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/beorn7/perks  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (C) 2013 Blake Mizerany  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/bkielbasa/cyclop  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2020 Bartlomiej Klimczak  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/blang/semver  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/blang/semver/v4  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/blizzy78/varnamelen  
  
== License Type  
SPDX:MIT
```

## Third-Party Notices

---

== Copyright  
Copyright 2021-2022 Maik Schreiber

----- (separator) -----  
-----

== Dependency  
github.com/bombsimon/wsl/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Simon Sawert

----- (separator) -----  
-----

== Dependency  
github.com/breml/bidichk

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Lucas Bremgartner

----- (separator) -----  
-----

== Dependency  
github.com/breml/errchkjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Lucas Bremgartner

----- (separator) -----  
-----

== Dependency  
github.com/butuzov/ireturn

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Oleg Butuzov

----- (separator) -----  
-----

== Dependency

---

github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/chai2010/gettext-go

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) YEAR THE PACKAGE'S COPYRIGHT HOLDER  
Copyright 2013 <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2013 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.  
Copyright 2020 ChaiShushan <chaishushan{AT}gmail.com>. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/charithe/durationcheck

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/chavacava/garif

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 Salvador Cavadini

----- (separator) -----  
-----

== Dependency  
github.com/checkpoint-restore/go-criu/v5

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/cilium/ebpf

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015-2017 Cloudflare, Inc. All rights reserved.  
Copyright (c) 2017 Nathan Sweet  
Copyright (c) 2018, 2019 Cloudflare  
Copyright (c) 2019 Authors of Cilium

----- (separator) -----  
-----

== Dependency  
github.com/client9/misspell

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2017 Nick Galbreath  
Copyright 2011 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/container-storage-interface/spec

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/containerd/console

== License Type  
SPDX:Apache-2.0

== Copyright

---

```
Copyright The containerd Authors.
----- (separator) -----
-----

== Dependency
github.com/containerd/ttrpc

== License Type
SPDX:Apache-2.0

== Copyright
Copyright The containerd Authors.

----- (separator) -----
-----

== Dependency
github.com/coredns/caddy

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2015 Light Code Labs, LLC

----- (separator) -----
-----

== Dependency
github.com/coredns/corefile-migration

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/coreos/go-oidc

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2014 CoreOS, Inc

== Notices
CoreOS Project
Copyright 2014 CoreOS, Inc

This product includes software developed at CoreOS, Inc.
(http://www.coreos.com/).
```

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-semver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-systemd/v22

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency

---

github.com/cpuguy83/go-md2man/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Brian Goff

----- (separator) -----  
-----

== Dependency  
github.com/curioswitch/go-reassign

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Choko (choko@curioswitch.org)

----- (separator) -----  
-----

== Dependency  
github.com/cyphar/filepath-securejoin

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (C) 2014-2015 Docker Inc & Go Authors. All rights reserved.  
Copyright (C) 2017 SUSE LLC. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/daixiang0/gci

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2020, Xiang Dai

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type  
3967ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

## Third-Party Notices

---

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

### == Copyright

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

### == Dependency

github.com/daviddengcn/go-colortext

### == License Type

39683968BSD License  
=====

Copyright (c) 2016, David Deng  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of go-colortext nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
 LIABLE  
 FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
 CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
 LIABILITY,  
 OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
 USE  
 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

MIT License  
 =====

Copyright (c) 2016 David Deng

Permission is hereby granted, free of charge, to any person obtaining a  
 copy  
 of this software and associated documentation files (the ""Software""), to  
 deal  
 in the Software without restriction, including without limitation the  
 rights  
 to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
 copies of the Software, and to permit persons to whom the Software is  
 furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
 all  
 copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
 OR  
 IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
 FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
 THE  
 AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
 LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
 FROM,  
 OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
 THE  
 SOFTWARE.

== Copyright  
 Copyright (c) 2016 David Deng  
 Copyright (c) 2016, David Deng

----- (separator) -----  
 -----

== Dependency  
[github.com/denis-tingaikin/go-header](https://github.com/denis-tingaikin/go-header)

== License Type

## Third-Party Notices

---

SPDX:GPL-3.0

== Copyright

Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Copyright (C) <year> <name of author>

Copyright (c) 2020-2022 Denis Tingaikin

----- (separator) -----  
-----

== Dependency

github.com/dnephin/pflag

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 Alex Ogier. All rights reserved.

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/docker/distribution

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

== Dependency

github.com/docker/go-units

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 Docker, Inc.

Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency

github.com/dustin/go-humanize

== License Type

SPDX:MIT

---

```
== Copyright
Copyright (c) 2005-2008  Dustin Sallings <dustin@spy.net>
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/elazarl/goproxy
```

```
== License Type
3971Copyright (c) 2012 Elazar Leibovich. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Elazar Leibovich. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
== Copyright
Copyright (c) 2012 Elazar Leibovich. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/emicklei/go-restful/v3
```

```
== License Type
SPDX:MIT
```

```
== Copyright
```

## Third-Party Notices

---

Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/emirpasic/gods

== License Type  
39723972Copyright (c) 2015, Emir Pasic  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS ""AS  
IS""

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE  
ARE

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE

OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
-----

AVL Tree:

Copyright (c) 2017 Benjamin Scher Purcell <benjapurcell@gmail.com>

Permission to use, copy, modify, and distribute this software for any  
purpose with or without fee is hereby granted, provided that the above

copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2015, Emir Pasic

Copyright (c) 2015, Emir Pasic. All rights reserved.

Copyright (c) 2017 Benjamin Scher Purcell <benjapurcell@gmail.com>

Copyright (c) 2017, Benjamin Scher Purcell. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/esimonov/ifshort

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Eugene Simonov

----- (separator) -----  
-----

== Dependency

github.com/ettle/strcase

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2020 Liyan David Chang

----- (separator) -----  
-----

== Dependency

github.com/euank/go-kmsg-parser

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2016 Euan Kemp

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/evanphx/json-patch

== License Type  
3974Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/exponent-io/jsonpath

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Exponent Labs LLC

----- (separator) -----  
-----

== Dependency  
github.com/fatih/camelcase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Fatih Arslan

----- (separator) -----  
-----

== Dependency  
github.com/fatih/color

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Fatih Arslan

----- (separator) -----  
-----

== Dependency  
github.com/fatih/structtag

== License Type  
39753975Copyright (c) 2017, Fatih Arslan  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

\* Neither the name of structtag nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

## Third-Party Notices

---

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software includes some portions from Go. Go is used under the terms of the BSD like license.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The Go gopher was designed by Renee French.  
<http://reneefrench.blogspot.com/> The design is licensed under the Creative Commons 3.0 Attributions license. Read this article for more details:  
<https://blog.golang.org/gopher>

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2017, Fatih Arslan

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/felixge/httpsnoop  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 Felix Geisend^rfer (felix@debuggable.com)  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/firefart/nonamedreturns  
  
== License Type  
SPDX:GPL-3.0  
  
== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <https://fsf.org/>  
Copyright (C) <year> <name of author>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/form3tech-oss/jwt-go  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2012 Dave Grijalva  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/fsnotify/fsnotify  
  
== License Type  
SPDX:BSD-3-Clause--modified-by-Google  
  
== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2012-2019 fsnotify Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.
```

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/fvbommel/sortorder

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Frits van Bommel

----- (separator) -----  
-----

== Dependency  
github.com/fzipp/gocyclo

== License Type  
3978Copyright (c) 2013 Frederik Zipp. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright owner nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2013 Frederik Zipp. All rights reserved.  
Copyright 2013 Frederik Zipp. All rights reserved.  
Copyright 2020 Frederik Zipp. All rights reserved.  
Copyright 2021 Frederik Zipp. All rights reserved.

```
----- (separator) -----
-----

== Dependency
github.com/go-critic/go-critic

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2018-2021 go-critic team

----- (separator) -----
-----

== Dependency
github.com/go-errors/errors

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2015 Conrad Irwin <conrad@bugsnag.com>

----- (separator) -----
-----

== Dependency
github.com/go-git/gcfg

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----
-----

== Dependency
github.com/go-git/go-billy/v5

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2017 Sourced Technologies S.L.

----- (separator) -----
-----

== Dependency
```

## Third-Party Notices

---

github.com/go-git/go-git/v5

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Oleg Sklyar, Silvertern and source{d}  
Copyright 2018 Sourced Technologies, S.L.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/zapr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Solly Ross  
Copyright 2019 The logr Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
[github.com/go-openapi/swag](https://github.com/go-openapi/swag)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
[github.com/go-ozzo/ozzo-validation](https://github.com/go-ozzo/ozzo-validation)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016, Qiang Xue  
Copyright 2016 Qiang Xue, Google LLC. All rights reserved.  
Copyright 2016 Qiang Xue. All rights reserved.  
Copyright 2018 Qiang Xue, Google LLC. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/go-toolsmith/astcast](https://github.com/go-toolsmith/astcast)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
[github.com/go-toolsmith/astcopy](https://github.com/go-toolsmith/astcopy)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astequal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Iskander Sharipov / Quasilyte

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astfmt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/astp

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/strparse

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-toolsmith/typep

== License Type

---

SPDX:MIT

== Copyright  
Copyright (c) 2018 go-toolsmith

----- (separator) -----  
-----

== Dependency  
github.com/go-xmlfmt/xmlfmt

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016-2022, Antonio Sun  
Copyright (c) 2016 go-xmlfmt

----- (separator) -----  
-----

== Dependency  
github.com/gobwas/glob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Sergey Kamardin

----- (separator) -----  
-----

== Dependency  
github.com/godbus/dbus/v5

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013, Georg Reinke (<guelfey at gmail dot com>), Google

----- (separator) -----  
-----

== Dependency  
github.com/gofrs/flock

== License Type  
3983Copyright (c) 2015-2020, Tim Heckman  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

## Third-Party Notices

---

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of gofrs nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### == Copyright

Copyright (c) 2015-2020, Tim Heckman  
Copyright 2015 Tim Heckman. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Gofrs. All rights reserved.  
Copyright 2019 Tim Heckman. All rights reserved. Use of this source code is

----- (separator) -----  
-----

### == Dependency

github.com/gofrs/uuid

### == License Type

SPDX:MIT

### == Copyright

Copyright (C) 2013-2018 by Maxim Bubliss <b@codemonkey.ru>  
Copyright (c) 2018 Andrei Tudor Calin <mail@acln.ro>

----- (separator) -----  
-----

---

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang-jwt/jwt/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Dave Grijalva  
Copyright (c) 2021 golang-jwt maintainers

----- (separator) -----  
-----

== Dependency  
github.com/golang/groupcache

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/mock

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2010 Google Inc.  
Copyright 2011 Google Inc.  
Copyright 2012 Google Inc.  
Copyright 2019 Google LLC  
Copyright 2020 Google Inc.  
Copyright 2020 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golangci/check

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. {http://fsf.org/}  
Copyright (C) 2013 opennota  
Copyright (C) {year} {name of author}

----- (separator) -----  
-----

== Dependency  
github.com/golangci/dupl

== License Type  
SPDX:MIT

```
== Copyright
Copyright (c) 2015 Michal Bohusl .vek
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/golangci/go-misc
```

```
== License Type
3987Copyright (c) 2012 RÈmy Oudompheng. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The name of RÈmy Oudompheng may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
== Copyright
Copyright (c) 2012 RÈmy Oudompheng. All rights reserved.
Copyright 2012 RÈmy Oudompheng. All rights reserved.
Copyright 2017 RÈmy Oudompheng. All rights reserved.
```

```
----- (separator) -----
-----
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/golangci/golangci-lint
```

## Third-Party Notices

---

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Copyright (C) 2012 Alec Thomas  
Copyright (C) <year> <name of author>  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Fredrik Wallgren  
Copyright (c) 2017 Alex Kohler  
Copyright (c) 2018 Alex Kohler  
Copyright (c) 2018 Leigh McCulloch  
Copyright (c) 2020 Rocketseat  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/golangci/lint-1](https://github.com/golangci/lint-1)

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/golangci/maligned](https://github.com/golangci/maligned)

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/golangci/misspell](https://github.com/golangci/misspell)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2017 Nick Galbreath  
Copyright 2011 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golangci/revgrep

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/golangci/unconvert

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/btree

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/google/cadvisor

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 Docker, Inc.  
Copyright 2014 Google Inc. All Rights Reserved.  
Copyright 2014 The cAdvisor Authors  
Copyright 2015 Google Inc. All Rights Reserved.  
Copyright 2015 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2017 Google Inc. All Rights Reserved.  
Copyright 2018 Google Inc. All Rights Reserved.

## Third-Party Notices

---

Copyright 2019 Google Inc. All Rights Reserved.  
Copyright 2020 Google Inc. All Rights Reserved.  
Copyright 2021 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/cel-go

== License Type  
39903990 Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

## Third-Party Notices

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
=
The common/types/pb/equal.go modification of proto.Equal logic
=====
=
Copyright (c) 2018 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
== Copyright
Copyright (c) 2018 The Go Authors. All rights reserved.
Copyright 2018 Google LLC
Copyright 2019 Google LLC
Copyright 2020 Google LLC
Copyright 2021 Google LLC
Copyright 2022 Google LLC
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/google/gnostic
```

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-flow-levee

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/google/go-github/v33

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013 The go-github AUTHORS. All rights reserved.  
Copyright 2013 The go-github AUTHORS. All rights reserved.  
Copyright 2014 The go-github AUTHORS. All rights reserved.  
Copyright 2015 The go-github AUTHORS. All rights reserved.  
Copyright 2016 The go-github AUTHORS. All rights reserved.

## Third-Party Notices

---

Copyright 2017 The go-github AUTHORS. All rights reserved.  
Copyright 2018 The go-github AUTHORS. All rights reserved.  
Copyright 2019 The go-github AUTHORS. All rights reserved.  
Copyright 2020 The go-github AUTHORS. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-quystring

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013 Google. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/shlex

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/googleapis/gax-go/v2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright 2016, Google Inc.

Copyright 2018, Google Inc.

Copyright 2019, Google Inc.

Copyright 2021 Google LLC

Copyright 2021, Google Inc.

----- (separator) -----  
-----

== Dependency

github.com/gophercloud/gophercloud

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2012-2013 Rackspace, Inc.

----- (separator) -----  
-----

== Dependency

github.com/gordonklaus/ineffassign

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016 Gordon Klaus and contributors

----- (separator) -----  
-----

== Dependency

github.com/gorilla/websocket

== License Type

SPDX:BSD-2-Clause

== Copyright

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.

Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.

Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.

Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2016 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/analysisutil

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 GoStaticAnalysis

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/comment

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Takuya Ueda

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/forcetypeassert

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 GoStaticAnalysis

----- (separator) -----  
-----

== Dependency  
github.com/gostaticanalysis/nilerr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 GoStaticAnalysis

----- (separator) -----  
-----

---

== Dependency  
github.com/gregjones/httpcache

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2012 Greg Jones (greg.jones@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/go-grpc-middleware

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Improbable Worlds Ltd, All Rights Reserved  
Copyright 2016 Michal Witkowski. All Rights Reserved.  
Copyright 2017 David Ackroyd. All Rights Reserved.  
Copyright 2017 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/go-grpc-prometheus

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/grpc-gateway

== License Type  
3999Copyright (c) 2015, Gengo, Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright  
notice,  
this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,

## Third-Party Notices

---

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Gengo, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015, Gengo, Inc.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/hashicorp/errwrap](https://github.com/hashicorp/errwrap)

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
[github.com/hashicorp/go-cleanhttp](https://github.com/hashicorp/go-cleanhttp)

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-multierror

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-retryablehttp

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-version

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/hcl

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/heketi/heketi

== License Type

## Third-Party Notices

---

4002Heketi code is released under various licenses:

The REST API client code (in go and python) is released under a dual license of Apache 2.0 or LGPLv3+.

The other parts of heketi (server, cli, tests, ...) are released under a dual license of LGPLv3+ or GPLv2.

### == Copyright

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Copyright (C) <year> <name of author>  
Copyright (C) year name of author  
Copyright (c) 2014 The heketi Authors  
Copyright (c) 2015 The heketi Authors  
Copyright (c) 2016 The heketi Authors  
Copyright (c) 2017 The heketi Authors  
Copyright (c) 2018 The heketi Authors  
Copyright (c) 2019 The heketi Authors  
Copyright (c) 2020 The heketi Authors

----- (separator) -----  
-----

### == Dependency

[github.com/hexops/gotextdiff](https://github.com/hexops/gotextdiff)

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

[github.com/imdario/mergo](https://github.com/imdario/mergo)

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario Casta  . All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario Casta  . All rights reserved.  
Copyright 2014 Dario Casta  . All rights reserved.

----- (separator) -----  
-----

---

== Dependency  
github.com/ishidawataru/sctp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Wataru Ishida. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/jbenet/go-context

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Juan Batiz-Benet

----- (separator) -----  
-----

== Dependency  
github.com/jgautheron/goconst

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Jonathan Gautheron

----- (separator) -----  
-----

== Dependency  
github.com/jingyugao/rowserrcheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Seiji Takahashi

----- (separator) -----  
-----

== Dependency  
github.com/jirfag/go-printf-func-name

== License Type  
SPDX:MIT

== Copyright

## Third-Party Notices

---

Copyright (c) 2020 Isaev Denis

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/jonboulle/clockwork

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/julz/importas

---

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/junkl1tm/musttag

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 junkl1tm

----- (separator) -----  
-----

== Dependency  
github.com/karrick/godirwalk

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2017, Karrick McDermott

----- (separator) -----  
-----

== Dependency  
github.com/kevinburke/ssh\_config

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 - 2017 Thomas Pelletier, Eric Anderton  
Copyright (c) 2017 Kevin Burke.

----- (separator) -----  
-----

== Dependency  
github.com/kisielk/errcheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Kamil Kisiel

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/kisielk/gotool

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013 Kamil Kisiel <kamil@kamilkisiel.net>  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/kkHAIKE/contextcheck

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 sylvia.wang

----- (separator) -----  
-----

== Dependency  
github.com/kulti/thelper

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Aleksey Bakin

----- (separator) -----  
-----

== Dependency  
github.com/kunwardeep/paralleltest

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Kunwardeep Bedi

----- (separator) -----  
-----

== Dependency

---

github.com/kyoh86/exportloopref

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 kyoh86

----- (separator) -----  
-----

== Dependency  
github.com/ldez/gomoddirectives

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 Fernandez Ludovic

----- (separator) -----  
-----

== Dependency  
github.com/ldez/tagliatelle

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 Fernandez Ludovic

----- (separator) -----  
-----

== Dependency  
github.com/leonklingele/grouper

== License Type  
SPDX:GPL-3.0

== Copyright  
Copyright (C) 2007 Free Software Foundation, Inc. <<https://fsf.org/>>  
Copyright (C) <year> <name of author>

----- (separator) -----  
-----

== Dependency  
github.com/libopenstorage/openstorage

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.

## Third-Party Notices

---

Copyright (C) 2014 Andreas Klauer <Andreas.Klauer@metamorpher.de>  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2015 Openstorage.org.  
Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/liggitt/tabwriter

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/lithammer/dedent

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Peter Lithammer

----- (separator) -----  
-----

== Dependency  
github.com/lufeee/execinquery

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 lufe

----- (separator) -----  
-----

== Dependency  
github.com/magiconair/properties

== License Type  
4008Copyright (c) 2013-2020, Frank Schroeder

All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this

list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation

and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013-2020, Frank Schroeder

Copyright 2011 The Go Authors. All rights reserved.

Copyright 2013-2014 Frank Schroeder. All rights reserved.

Copyright 2018 Frank Schroeder. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/mailru/easyjson

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/maratori/testableexamples

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Marat Reymers

----- (separator) -----  
-----

== Dependency  
github.com/maratori/testpackage

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Marat Reymers

----- (separator) -----  
-----

== Dependency  
github.com/matoous/godox

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Matous Dzivjak

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-colorable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-isatty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/mattn/go-runewidth  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/matttproud/golang_protobuf_extensions  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud  
  
== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/mbilski/exhaustivestruct  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2020 Mateusz Bilski  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/mgechev/revive  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2018 Minko Gechev  
  
----- (separator) -----  
-----
```

## Third-Party Notices

---

== Dependency  
github.com/mindprince/gonvml

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/mistifyio/go-zfs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014, OmniTI Computer Consulting, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/go-homedir

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/go-wordwrap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/mitchellh/mapstructure

== License Type  
SPDX:MIT

== Copyright

---

Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency  
github.com/moby/ipvs

== License Type  
SPDX:Apache-2.0

== Copyright  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

----- (separator) -----  
-----

== Dependency  
github.com/moby/spdystream

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013-2021 Docker, inc. Released under the [Apache 2.0  
license] (LICENSE).  
Copyright 2014-2021 Docker Inc.

== Notices  
SpdyStream  
Copyright 2014-2021 Docker Inc.

This product includes software developed at  
Docker Inc. (<https://www.docker.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/moby/sys/mountinfo

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/moby/term

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/mohae/deepcopy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Joel

----- (separator) -----  
-----

== Dependency  
github.com/monochromegane/go-gitignore

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) [2015] [go-gitignore]

----- (separator) -----  
-----

== Dependency  
github.com/moricho/tparallel

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 moricho

----- (separator) -----  
-----

== Dependency  
github.com/mrunalp/fileutils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
4015Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT

## Third-Party Notices

---

HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency

github.com/mvdan/xurls

== License Type

4016Copyright (c) 2015, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015, Daniel Martì <mvdan@mvdan.cc>  
Copyright (c) 2015, Daniel Martì. All rights reserved.

----- (separator) -----  
-----

---

== Dependency  
github.com/mxk/go-flowrate

== License Type  
4017Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the go-flowrate project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2014 The Go-FlowRate Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/nakabonne/nestif

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2020, Ryo Nakao  
Copyright 2020 Ryo Nakao <ryo@nakao.dev>.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
github.com/nbutton23/zxcvbn-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Nathan Button

----- (separator) -----  
-----

== Dependency  
github.com/nishanth/exhaustive

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2020, Nishanth Shanmugham

----- (separator) -----  
-----

== Dependency  
github.com/nishanth/predeclared

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017, Nishanth Shanmugham

----- (separator) -----  
-----

== Dependency  
github.com/nunnatsa/ginkgolinter

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Nahshon Unna Tsameret

----- (separator) -----  
-----

== Dependency  
github.com/olekukonko/tablewriter

== License Type  
SPDX:MIT

== Copyright

---

Copyright (C) 2014 by Oleku Konko  
Copyright 2014 Oleku Konko All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/onsi/ginkgo/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri  
Copyright (c) 2016 Yasuhiro Matsumoto  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/onsi/gomega

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-2014 Onsi Fakhouri

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/go-digest

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Docker, Inc.  
Copyright 2017 Docker, Inc.  
Copyright 2019, 2020 OCI Contributors  
Copyright 2020, 2020 OCI Contributors  
Copyright © 2016 Docker, Inc.  
Copyright © 2019, 2020 OCI Contributors

----- (separator) -----  
-----

== Dependency  
github.com/opencontainers/runc

== License Type  
SPDX:Apache-2.0

== Copyright

## Third-Party Notices

---

Copyright (C) 2020 Aleksa Sarai <cyphar@cyphar.com>  
Copyright (C) 2020 SUSE LLC  
Copyright 2012-2015 Docker, Inc.  
Copyright 2014 Docker, Inc.  
Copyright 2016 SUSE LLC  
Copyright 2016, 2017 SUSE LLC  
copyright 2014 Docker, inc.

== Notices  
runc

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<http://www.docker.com>).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the United States and other governments. It is your responsibility to ensure that your use and/or transfer does not violate applicable laws.

For more information, please see <http://www.bis.doc.gov>

See also <http://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
[github.com/opencontainers/runtime-spec](https://github.com/opencontainers/runtime-spec)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.  
Copyright 2015 The Linux Foundation.

----- (separator) -----  
-----

== Dependency  
[github.com/opencontainers/selinux](https://github.com/opencontainers/selinux)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.

----- (separator) -----  
-----

---

== Dependency  
github.com/pelletier/go-toml/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 - 2022 Thomas Pelletier, Eric Anderton

----- (separator) -----  
-----

== Dependency  
github.com/peterbourgon/diskv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2012 Peter Bourgon

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/pmezard/go-difflib

== License Type  
4021Copyright (c) 2013, Patrick Mezard  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

## Third-Party Notices

---

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2013, Patrick Mezard

----- (separator) -----  
-----

== Dependency  
github.com/polyfloyd/go-errorlint

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 polyfloyd

----- (separator) -----  
-----

== Dependency  
github.com/pquerna/cachecontrol

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2015 Paul Querna

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_golang

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors

---

Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices

Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

## Third-Party Notices

---

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/common

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/procfs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

== Notices  
procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

---

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/quasilyte/go-ruleguard

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2022, Iskander (Alex) Sharipov / quasilyte

----- (separator) -----  
-----

== Dependency  
github.com/quasilyte/gogrep

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017, Daniel Marti <mvdan@mvdan.cc>  
Copyright (c) 2017, Daniel Marti. All rights reserved.  
Copyright (c) 2021, Iskander (Alex) Sharipov

----- (separator) -----  
-----

== Dependency  
github.com/quasilyte/regex/syntax

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Iskander (Alex) Sharipov / quasilyte

----- (separator) -----  
-----

== Dependency  
github.com/quasilyte/stdinfo

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Iskander (Alex) Sharipov

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/robfig/cron/v3

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2012 Rob Figueiredo

----- (separator) -----  
-----

== Dependency  
github.com/rubiojr/go-vhd

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Sergio Rubio

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <russ@russross.com>.

----- (separator) -----  
-----

== Dependency  
github.com/russross/blackfriday/v2

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright © 2011 Russ Ross  
Copyright © 2011 Russ Ross <russ@russross.com>.

----- (separator) -----  
-----

== Dependency  
github.com/ryancurrah/gomodguard

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Ryan Currah

----- (separator) -----  
-----

== Dependency  
github.com/ryanrolds/sqlclosecheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Ryan R. Olds

----- (separator) -----  
-----

== Dependency  
github.com/sanposhiho/wastedassign/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Kensei Nakada

----- (separator) -----  
-----

== Dependency  
github.com/sashamelentyev/interfacebloat

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Sasha Melentyev

----- (separator) -----  
-----

== Dependency  
github.com/sashamelentyev/usestdlibvars

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Sasha Melentyev

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/securego/gosec/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Hewlett Packard Enterprise Development LP

----- (separator) -----  
-----

== Dependency  
github.com/sergi/go-diff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2006 Google Inc.  
Copyright (c) 2012-2016 The go-diff Authors. All rights reserved.  
Copyright (c) 2012-2016 The go-diff authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/shazow/go-diff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Andrey Petrov

----- (separator) -----  
-----

== Dependency  
github.com/sirupsen/logrus

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <miki.tebeka@gmail.com>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
github.com/sivchari/containedctx

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 sivchari

----- (separator) -----  
-----

== Dependency  
github.com/sivchari/nosnakecase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 sivchari

----- (separator) -----  
-----

== Dependency  
github.com/sivchari/tenv

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2021 sivchari

----- (separator) -----  
-----

== Dependency  
github.com/soheilhy/cmux

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The CMux Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/sonatard/noctx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 sonatard

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/sourcegraph/go-diff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Matias Bordese  
Copyright (c) 2014 Sourcegraph, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/afero

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 tsuru authors. All rights reserved.  
Copyright 2016-present Bjørn Erik Pedersen <bjorn.erik.pedersen@gmail.com>  
Copyright © 2014 Steve Francia <spf@spf13.com>.  
Copyright © 2015 Jerry Jacobs <jerry.jacobs@xor-gate.org>.  
Copyright © 2015 Steve Francia <spf@spf13.com>.  
Copyright © 2016 Steve Francia <spf@spf13.com>.  
Copyright © 2018 Steve Francia <spf@spf13.com>.  
Copyright © 2021 Vasily Ovchinnikov <vasily@remerge.io>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cast

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Steve Francia  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright © 2014 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

== Dependency  
github.com/spf13/cobra

== License Type  
SPDX:Apache-2.0

## == Copyright

Copyright 2015 Red Hat Inc. All rights reserved.  
Copyright 2016 French Ben. All rights reserved.  
Copyright © 2013 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

## == Dependency

github.com/spf13/jwalterweatherman

## == License Type

SPDX:MIT

## == Copyright

Copyright (c) 2014 Steve Francia  
Copyright © 2016 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

## == Dependency

github.com/spf13/pflag

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/spf13/viper

## == License Type

SPDX:MIT

## == Copyright

Copyright (c) 2014 Steve Francia  
Copyright (c) 2017 Canonical Ltd.  
Copyright © 2014 Steve Francia <spf@spf13.com>.  
Copyright © 2015 Steve Francia <spf@spf13.com>.  
Copyright © 2016 Steve Francia <spf@spf13.com>.

----- (separator) -----  
-----

## == Dependency

github.com/ssgreg/nlreturn/v2

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Grigory Zubankov

----- (separator) -----  
-----

== Dependency  
github.com/stbenjam/no-sprintf-host-port

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Stephen Benjamin

----- (separator) -----  
-----

== Dependency  
github.com/stoewer/go-strcase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017, A. Stoewer <adrian.stoewer@rz.ifi.lmu.de>  
Copyright (c) 2017, Adrian Stoewer <adrian.stoewer@rz.ifi.lmu.de>

----- (separator) -----  
-----

== Dependency  
github.com/stretchr/objx

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Stretchr, Inc.  
Copyright (c) 2017-2018 objx contributors

----- (separator) -----  
-----

== Dependency  
github.com/stretchr/testify

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/subosito/gotenv  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2013 Alif Rachmawadi  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/syndtr/gocapability  
  
== License Type  
SPDX:BSD-2-Clause  
  
== Copyright  
Copyright (c) 2013, Suryandaru Triandana <syndtr@gmail.com>  
Copyright 2013 Suryandaru Triandana <syndtr@gmail.com>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/tdakkota/asciicheck  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2020 tdakkota  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/tetafro/godot  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2020 Denis Krivak  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/timakin/bodyclose  
  
== License Type
```

## Third-Party Notices

---

SPDX:MIT

== Copyright  
Copyright (c) 2019 Seiji Takahashi

----- (separator) -----  
-----

== Dependency  
github.com/timonwong/loggercheck

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2022 Timon Wong  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/tmc/grpc-websocket-proxy

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016 Travis Cline

----- (separator) -----  
-----

== Dependency  
github.com/tomarrell/wrapcheck/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Tom Arrell

----- (separator) -----  
-----

== Dependency  
github.com/tommy-muehle/go-mnd/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Tommy Muehle

----- (separator) -----  
-----

---

== Dependency  
github.com/ultraware/funlen

== License Type  
SPDX:MIT

== Copyright  
Copyright 2018 Ultraware Consultancy and Development B.V.

----- (separator) -----  
-----

== Dependency  
github.com/ultraware/whitespace

== License Type  
SPDX:MIT

== Copyright  
Copyright 2018 Ultraware Consultancy and Development B.V.

----- (separator) -----  
-----

== Dependency  
github.com/uudashr/gocognit

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Nuruddin Ashr

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netlink

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

== Dependency  
github.com/vishvananda/netns

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2014 Vishvananda Ishaya.

----- (separator) -----  
-----

----- (separator) -----  
-----

== Dependency  
github.com/xanzy/go-gitlab

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 Paul Cioanca  
Copyright 2021, Andrea Funto'  
Copyright 2021, Arkbriar  
Copyright 2021, Eric Stevens  
Copyright 2021, Igor Varavko  
Copyright 2021, Kordian Bruck  
Copyright 2021, Matej Velikonja  
Copyright 2021, Patrick Webster  
Copyright 2021, Paul Shoemaker  
Copyright 2021, Sander van Harmelen  
Copyright 2021, Sander van Harmelen, Michael Lihs  
Copyright 2021, Serena Fang  
Copyright 2021, Stany MARCEL

----- (separator) -----  
-----

== Dependency  
github.com/xanzy/ssh-agent

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2014 David Mzareulyan  
Copyright 2015, Sander van Harmelen

----- (separator) -----  
-----

== Dependency  
github.com/xiang90/probing

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Xiang Li

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/xlab/treeprint  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright © 2016 Maxim Kupriianov <max@kc.vc>  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/yagipy/maintidx  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2021 Hiroyuki Yagihashi  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/yeya24/promlinter  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
gitlab.com/bosi/decorder  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2021 Florian Bosdorff  
  
----- (separator) -----  
-----  
  
== Dependency  
go.etcd.io/bbolt  
  
== License Type  
SPDX:MIT
```

## Third-Party Notices

---

== Copyright  
Copyright (c) 2013 Ben Johnson

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/api/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/pkg/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013 The etcd Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2019 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/pkg/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2014 The etcd Authors  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/raft/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
go.etcd.io/etcd/server/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2017 The etcd Lockors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.opencensus.io

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors  
Copyright 2019, OpenCensus Authors  
Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/contrib

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/contrib/instrumentation/github.com/emicklei/go-restful/otelrestful

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

```
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/contrib/instrumentation/google.golang.org/grpc/otelgpc  
c  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright The OpenTelemetry Authors  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/contrib/instrumentation/net/http/otelhttp  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright The OpenTelemetry Authors  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright The OpenTelemetry Authors  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/exporters/otlp  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright The OpenTelemetry Authors  
  
----- (separator) -----  
-----  
  
== Dependency  
go.opentelemetry.io/otel/metric
```

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/sdk

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/sdk/export/metric

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/sdk/metric

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

---

== Dependency  
go.opentelemetry.io/proto/otlp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019, OpenTelemetry Authors  
Copyright 2020, OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.starlark.net

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2017 The Bazel Authors. All rights reserved.  
Copyright (c) 2018 The Bazel Authors.  
Copyright 2017 The Bazel Authors. All rights reserved.  
Copyright 2018 The Bazel Authors. All rights reserved.  
Copyright 2019 The Bazel Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/multierr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
go.uber.org/zap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent

claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/exp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or

## Third-Party Notices

---

order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/exp/typeparams

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/mod

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any

entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent

## Third-Party Notices

---

rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2015 The oauth2 Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2017 The oauth2 Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2018 The oauth2 Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sync

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this

implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this

## Third-Party Notices

---

implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/term

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

## Third-Party Notices

---

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/tools

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) Microsoft Corporation  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.\n// Use of this source code is governed by a BSD-style\n// license that can be found in the LICENSE file.\n\npackage diff\_test\n\nimport (\n\t\"fmt\"\n\t\"math/rand\"\n\t\"strings\"\n\t\"testing\"\n\t\"github.com/google/safehtml/template\"\n\t\"golang.org/x/tools/internal/lsp/diff\"\n\t\"golang.org/x/tools/internal/lsp/diff/diffTest\"\n\t\"golang.org/x/tools/internal/span\"\n)



## Third-Party Notices

---

notice, this list of conditions and the following disclaimer.  
\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  
\* Neither the name of the golang project nor the names of its authors and contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### == Copyright

Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.  
Copyright (C) 2014 by Ignace Bogaert \*  
Copyright (c) 2006 Jeffrey A. Fike  
Copyright (c) 2012 The Probab Authors. All rights reserved.  
Copyright (c) 2015, The Chancellor, Masters and Scholars of the University  
Copyright 1984, 1987, 1989 by Stephen L. Moshier  
Copyright 1984, 1987, 1989, 1992, 2000 by Stephen L. Moshier  
Copyright 1984, 1995 by Stephen L. Moshier  
Copyright 1984, 1996 by Stephen L. Moshier  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

google.golang.org/api

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.

Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

### == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.

### == Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

### == Dependency

google.golang.org/protobuf

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/gcfg.v1

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/ini.v1

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Unknwon  
Copyright 2015 Unknwon  
Copyright 2016 Unknwon  
Copyright 2017 Unknwon  
Copyright 2019 Unknwon

----- (separator) -----  
-----

== Dependency  
gopkg.in/natefinch/lumberjack.v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Nate Finch

----- (separator) -----  
-----

== Dependency  
gopkg.in/square/go-jose.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 Square Inc.  
Copyright 2016 Square, Inc.  
Copyright 2016 Zbigniew Mandziejewicz  
Copyright 2017 Square Inc.  
Copyright 2018 Square Inc.

----- (separator) -----  
-----

== Dependency  
gopkg.in/warnings.v0

== License Type  
4058Copyright (c) 2016 PÈter Suranyi.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2016 Péter Surányi.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
gopkg.in/yaml.v3

== License Type  
40604060This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

---

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency

gotest.tools/gotestsum

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2015, Greg Osuri

== Notices

Copyright The gotestsum Authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency  
honnef.co/go/tools

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013 TOML authors  
Copyright (c) 2013 The Go Authors,  
Copyright (c) 2013 The Go Authors. All rights reserved.  
Copyright (c) 2014 Dmitry Vyukov. All rights reserved.  
Copyright (c) 2016 Dominik Honnef  
Copyright (c) 2016 Dominik Honnef. All rights reserved.  
Copyright (c) 2017, Daniel Marti. All rights reserved.  
Copyright (c) 2018 Dominik Honnef. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 Dominik Honnef. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
k8s.io/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation

---

Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiextensions-apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cli-runtime

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron

Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cloud-provider

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/cluster-bootstrap

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

---

k8s.io/code-generator

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/code-generator/examples

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
k8s.io/component-base

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-helpers

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.

Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/controller-manager

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/cri-api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.

## Third-Party Notices

---

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/csi-translation-lib

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/gengo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-aggregator

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-controller-manager

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kube-openapi

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (C) MongoDB, Inc. 2017-present.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kube-proxy

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors

---

Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-scheduler

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kubect1

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kubelet

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/kubernetes/hack/tools

---

== License Type  
SPDX:Apache-2.0

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

k8s.io/legacy-cloud-providers

== License Type  
SPDX:Apache-2.0

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
k8s.io/metrics

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/mount-utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.

Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/pod-security-admission

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/sample-apiserver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.

## Third-Party Notices

---

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/sample-cli-plugin

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/sample-controller

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2015-2016 Manfred Touron  
Copyright (c) 2015-2018 gimme contributors  
Copyright (c) Microsoft Corporation. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.

---

Copyright 2016 The Kubernetes Authors.  
Copyright 2017 Microsoft Corporation  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Google LLC  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 Google LLC  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/system-validators

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 1019 The Kubernetes Authors."",  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
mvdan.cc/gofumpt

== License Type  
4080Copyright (c) 2019, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2019, Daniel Martì <mvdan@mvdan.cc>  
Copyright (c) 2019, Daniel Martì. All rights reserved.  
Copyright (c) 2020, Daniel Martì <mvdan@mvdan.cc>  
Copyright (c) 2021, Daniel Martì <mvdan@mvdan.cc>  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
mvdan.cc/interfacer

== License Type  
4080Copyright (c) 2015, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015, Daniel Martì <mvdan@mvdan.cc>

Copyright (c) 2015, Daniel Martì. All rights reserved.

----- (separator) -----  
-----

== Dependency

mvdan.cc/lint

== License Type

4081Copyright (c) 2017, Daniel Martì. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

## Third-Party Notices

---

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2017, Daniel Marti <mvdan@mvdan.cc>

Copyright (c) 2017, Daniel Marti. All rights reserved.

----- (separator) -----  
-----

== Dependency

mvdan.cc/unparam

== License Type

4082Copyright (c) 2017, Daniel Marti. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2017, Daniel Marti <mvdan@mvdan.cc>

Copyright (c) 2017, Daniel Marti. All rights reserved.

----- (separator) -----  
 -----

== Dependency  
 sigs.k8s.io/apiserver-network-proxy/konnectivity-client

== License Type  
 SPDX:Apache-2.0

== Copyright  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency  
 sigs.k8s.io/json

== License Type  
 40834083Files other than internal/golang/\* licensed under:

Apache License  
 Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,

any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a

file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

internal/golang/\* files licensed under:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

## Third-Party Notices

---

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/kustomize/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/kustomize/kustomize/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/kustomize/kyaml

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright (c) 2018 QRI, Inc.  
Copyright 2011-2016 Canonical Ltd.

Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/logtools

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/structured-merge-diff/v4

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
40894089The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2014 Sam Ghods  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/zeitgeist

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their

Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise

## Third-Party Notices

---

complies with the conditions stated in this License.

5. **Submission of Contributions.** Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. **Trademarks.** This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. **Disclaimer of Warranty.** Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. **Limitation of Liability.** In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. **Accepting Warranty or Additional Liability.** While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also

recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER

## Third-Party Notices

---

CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with

or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 =====  
 == SPDX:GPL-3.0

GNU GENERAL PUBLIC LICENSE  
 Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
 Everyone is permitted to copy and distribute verbatim copies  
 of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you

want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS

#### 0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this

License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to

control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

### 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

### 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of

technological measures.

#### 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

#### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to `""keep intact all notices""`.
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an `""aggregate""` if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the

machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user

actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

""Installation Information"" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

## 7. Additional Terms.

""Additional permissions"" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

## Third-Party Notices

---

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a)

provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

#### 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

#### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

## Third-Party Notices

---

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the

parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

#### 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

#### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

#### 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

## Third-Party Notices

---

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

### 15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

### 16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
 =====  
 == SPDX:MPL-2.0

Mozilla Public License Version 2.0

## 1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

## Third-Party Notices

---

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive

license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either

on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

## 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

## 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

## 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice,

provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

#### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

#### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently

detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this

disclaimer.

#### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other

commercial damages or losses, even if such party shall have been informed of

the possibility of such damages. This limitation of liability shall not apply

to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

#### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a

jurisdiction where the defendant maintains its principal place of business and

such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter

hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe

this License against a Contributor.

#### 10. Versions of the License

##### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3,

no one other than the license steward has the right to modify or publish new

versions of this License. Each version will be given a distinguishing version

number.

##### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the

## Third-Party Notices

---

License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

#### Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

```
----- (separator) -----  
-----  
== SPDX:GPL-2.0
```

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

---

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program"

means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the

entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;  
or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under

this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding

those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

----- (separator) -----  
-----

== SPDX:LGPL-3.0

GNU LESSER GENERAL PUBLIC LICENSE  
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates  
the terms and conditions of version 3 of the GNU General Public  
License, supplemented by the additional permissions listed below.

### 0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser  
General Public License, and the "GNU GPL" refers to version 3 of the GNU  
General Public License.

"The Library" refers to a covered work governed by this License,  
other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided  
by the Library, but which is not otherwise based on the Library.  
Defining a subclass of a class defined by the Library is deemed a mode  
of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an  
Application with the Library. The particular version of the Library  
with which the Combined Work was made is also called the "Linked  
Version".

The "Minimal Corresponding Source" for a Combined Work means the  
Corresponding Source for the Combined Work, excluding any source code  
for portions of the Combined Work that, considered in isolation, are  
based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the  
object code and/or source code for the Application, including any data  
and utility programs needed for reproducing the Combined Work from the  
Application, but excluding the System Libraries of the Combined Work.

### 1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License  
without being bound by section 3 of the GNU GPL.

### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a  
facility refers to a function or data to be supplied by an Application  
that uses the facility (other than as an argument passed when the  
facility is invoked), then you may convey a copy of the modified  
version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the object code with a copy of the GNU GPL and this license document.

### 4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- d) Do one of the following:
  - 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

### 5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

### 6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the

Library.

412541254125"

**The Kubernetes Authors,kubernetes#x2F;apiserver,0.26.1,"-----**

----- Top-Level License -----

SPDX:Apache-2.0

----- Copyright -----

-----

Copyright 2014 The Kubernetes Authors.

Copyright 2015 The Kubernetes Authors.

Copyright 2016 The Kubernetes Authors.

Copyright 2017 The Kubernetes Authors.

Copyright 2018 The Kubernetes Authors.

Copyright 2019 The Kubernetes Authors.

Copyright 2020 The Kubernetes Authors.

Copyright 2021 The Kubernetes Authors.

Copyright 2022 The Kubernetes Authors.

----- Fourth Party Dependencies -----

-----

----- Licenses -----

-----

- Apache-2.0

- BSD-2-Clause

- BSD-3-Clause

- BSD-3-Clause--modified-by-Google

- ISC

- MIT

----- (separator) -----

-----

== Dependency

github.com/NYTimes/gziphandler

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2016-2017 The New York Times Company

----- (separator) -----

-----

== Dependency

github.com/antlr/antlr4/runtime/Go/antlr

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.

Copyright 2021 The ANTLR Project

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/blang/semver/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Benedikt Lang <github at benediktlang.de>

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/backoff/v4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-oidc

== License Type  
SPDX:Apache-2.0

---

== Copyright  
Copyright 2014 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2014 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/coreos/go-semver](https://github.com/coreos/go-semver)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013-2015 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc

== Notices  
CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/coreos/go-systemd/v22](https://github.com/coreos/go-systemd/v22)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.

== Notices

## Third-Party Notices

---

CoreOS Project  
Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/davecgh/go-spew](https://github.com/davecgh/go-spew)

== License Type  
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
[github.com/dustin/go-humanize](https://github.com/dustin/go-humanize)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2005-2008 Dustin Sallings <dustin@spy.net>

----- (separator) -----  
-----

== Dependency  
[github.com/emicklei/go-restful/v3](https://github.com/emicklei/go-restful/v3)

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/evanphx/json-patch

== License Type  
Copyright (c) 2014, Evan Phoenix  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Evan Phoenix nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

## Third-Party Notices

---

Copyright (c) 2014, Evan Phoenix

----- (separator) -----  
-----

== Dependency  
github.com/felixge/httpsnoop

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Felix Geisendörfer (felix@debuggable.com)

----- (separator) -----  
-----

== Dependency  
github.com/form3tech-oss/jwt-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Dave Grijalva

----- (separator) -----  
-----

== Dependency  
github.com/fsnotify/fsnotify

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright © 2012 The Go Authors. All rights reserved.  
Copyright © fsnotify Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-logr/logr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

---

== Dependency  
github.com/go-logr/stdr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/swagger

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/gogo/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright

## Third-Party Notices

---

Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/groupcache

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

```
== Dependency
github.com/google/btree
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright 2014 Google Inc.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/google/cel-go
```

```
== License Type
                Apache License
                Version 2.0, January 2004
                http://www.apache.org/licenses/
```

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work

(an example is provided in the Appendix below).

Object  
"Derivative Works" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

Entity  
"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You

institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

## Third-Party Notices

---

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
=
The common/types/pb/equal.go modification of proto.Equal logic
=====
=
Copyright (c) 2018 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
== Copyright
Copyright (c) 2018 The Go Authors. All rights reserved.
Copyright 2018 Google LLC
Copyright 2019 Google LLC
Copyright 2020 Google LLC
Copyright 2021 Google LLC
Copyright 2022 Google LLC
```

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/google/gnostic

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.

---

Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/gorilla/websocket

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/go-grpc-middleware

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) Improbable Worlds Ltd, All Rights Reserved  
Copyright 2016 Michal Witkowski. All Rights Reserved.  
Copyright 2017 David Ackroyd. All Rights Reserved.  
Copyright 2017 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/go-grpc-prometheus

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/grpc-ecosystem/grpc-gateway

## Third-Party Notices

---

== License Type  
Copyright (c) 2015, Gengo, Inc.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Gengo, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015, Gengo, Inc.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/grpc-ecosystem/grpc-gateway/v2](https://github.com/grpc-ecosystem/grpc-gateway/v2)

== License Type  
Copyright (c) 2015, Gengo, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Gengo, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015, Gengo, Inc.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/indario/mergo

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

## Third-Party Notices

---

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario CastaòÈ. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario CastaòÈ. All rights reserved.  
Copyright 2014 Dario CastaòÈ. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/jonboulle/clockwork

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/mailru/easyjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

## Third-Party Notices

---

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/pquerna/cachecontrol

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2015 Paul Querna

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/prometheus/client_golang  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright (c) 2015 Bj^rn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors  
  
== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors  
  
This product includes software developed at  
SoundCloud Ltd. (http://soundcloud.com/).  
  
The following components are included in this product:  
  
perks - a fork of https://github.com/bmizerany/perks  
https://github.com/beorn7/perks  
Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein  
See https://github.com/beorn7/perks/blob/master/README.md for license  
details.  
  
Go support for Protocol Buffers - Google's data interchange format  
http://github.com/golang/protobuf/  
Copyright 2010 The Go Authors  
See source code for license details.  
  
Support for streaming Protocol Buffer messages for the Go language  
(golang).  
https://github.com/matttproud/golang\_protobuf\_extensions  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0  
  
----- (separator) -----  
-----
```

## Third-Party Notices

---

== Dependency  
github.com/prometheus/client\_model

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/common

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/procfs

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/sirupsen/logrus](https://github.com/sirupsen/logrus)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 Miki Tebeka <[miki.tebeka@gmail.com](mailto:miki.tebeka@gmail.com)>.  
Copyright (c) 2014 Simon Eskildsen

----- (separator) -----  
-----

== Dependency  
[github.com/soheilhy/cmux](https://github.com/soheilhy/cmux)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 The CMux Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
[github.com/spf13/cobra](https://github.com/spf13/cobra)

== License Type

## Third-Party Notices

---

SPDX:Apache-2.0

== Copyright

Copyright 2013-2022 The Cobra Authors

----- (separator) -----  
-----

== Dependency

github.com/spf13/pflag

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/stoewer/go-strcase

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, A. Stoewer <adrian.stoewer@rz.ifi.lmu.de>  
Copyright (c) 2017, Adrian Stoewer <adrian.stoewer@rz.ifi.lmu.de>

----- (separator) -----  
-----

== Dependency

github.com/tmc/grpc-websocket-proxy

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2016 Travis Cline

----- (separator) -----  
-----

== Dependency

github.com/xiang90/probing

== License Type

SPDX:MIT

== Copyright

---

Copyright (c) 2015 Xiang Li

----- (separator) -----  
-----

== Dependency  
go.etcd.io/bbolt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Ben Johnson

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/api/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/pkg/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2013 The etcd Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/v2

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2019 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/client/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/pkg/v3

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2014 The etcd Authors  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2018 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

== Dependency  
go.etcd.io/etcd/raft/v3

== License Type

---

SPDX:Apache-2.0

== Copyright

Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2019 The etcd Authors  
Copyright 2021 The etcd Authors

----- (separator) -----  
-----

== Dependency

go.etcd.io/etcd/server/v3

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2015 The etcd Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The etcd Authors  
Copyright 2017 The etcd Lockors  
Copyright 2018 The etcd Authors  
Copyright 2020 The etcd Authors  
Copyright 2021 The etcd Authors  
Copyright 2022 The etcd Authors

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/contrib/instrumentation/google.golang.org/grpc/otelg  
c

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

go.opentelemetry.io/contrib/instrumentation/net/http/otelhttp

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
go.opentelemetry.io/otel

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/internal/retry

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracegrpc

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/metric

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

```
----- (separator) -----
-----

== Dependency
go.opentelemetry.io/otel/sdk

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
go.opentelemetry.io/otel/trace

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
go.opentelemetry.io/proto/otlp

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2019, OpenTelemetry Authors
Copyright 2020, OpenTelemetry Authors

----- (separator) -----
-----

== Dependency
go.uber.org/atomic

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2016 Uber Technologies, Inc.
Copyright (c) 2016-2020 Uber Technologies, Inc.
Copyright (c) 2020 Uber Technologies, Inc.

----- (separator) -----
-----

== Dependency
```

## Third-Party Notices

---

go.uber.org/multierr

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
go.uber.org/zap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016, 2017 Uber Technologies, Inc.  
Copyright (c) 2016-2017 Uber Technologies, Inc.  
Copyright (c) 2017 Uber Technologies, Inc.  
Copyright (c) 2018 Uber Technologies, Inc.  
Copyright (c) 2019 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## == Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/net

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## == Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by

## Third-Party Notices

---

Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sync

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

#### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

#### == Dependency

golang.org/x/sys

#### == License Type

SPDX:BSD-3-Clause--modified-by-Google

#### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## Third-Party Notices

---

### == Patents

#### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/term

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

### == Patents

#### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be

infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go

## Third-Party Notices

---

shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.

Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

google.golang.org/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.

Copyright 2008 Google Inc. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.""

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.""

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

gopkg.in/inf.v0

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2012 Péter Surányi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency

---

gopkg.in/natefinch/lumberjack.v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Nate Finch

----- (separator) -----  
-----

== Dependency  
gopkg.in/square/go-jose.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 Square Inc.  
Copyright 2016 Square, Inc.  
Copyright 2016 Zbigniew Mandziejewicz  
Copyright 2017 Square Inc.  
Copyright 2018 Square Inc.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v3

== License Type  
This project is covered by two different licenses: MIT and Apache.

#### MIT License ####

The following files were ported to Go from C files of libyaml, and thus are still covered by their original MIT license, with the additional copyright starting in 2011 when the project was ported over:

apic.go emitterc.go parserc.go readerc.go scannerc.go  
writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

== Copyright

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
k8s.io/apimachinery

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/component-base

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.

---

Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 Intel Coporation.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kms

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.

## Third-Party Notices

---

Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/utils

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/apiserver-network-proxy/konnectivity-client

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/json

== License Type  
Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including

the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this

License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `"AS IS"` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----

```
internal/golang/* files licensed under:
```

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2020 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS

"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

## Third-Party Notices

---

including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

## Third-Party Notices

---

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
 =====  
 == SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS `""AS IS""` AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

## Third-Party Notices

---

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its  
contributors  
may be used to endorse or promote products derived from this software  
without  
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

## Third-Party Notices

---

FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

The Perl Foundation, Perl, 5.38.0, "Perl is Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023 by Larry Wall and others.  
All rights reserved.

### ABOUT PERL

=====

Perl is a general-purpose programming language originally developed for text manipulation and now used for a wide range of tasks including system administration, web development, network programming, GUI development, and more.

The language is intended to be practical (easy to use, efficient, complete) rather than beautiful (tiny, elegant, minimal). Its major features are that it's easy to use, supports both procedural and object-oriented (OO) programming, has powerful built-in support for text processing, and has one of the world's most impressive collections of third-party modules.

For an introduction to the language's features, see `pod/perlintro.pod`.

For a discussion of the important changes in this release, see `pod/perldelta.pod`.

There are also many Perl books available, covering a wide variety of topics, from various publishers. See `pod/perlbook.pod` for more information.

### LICENSING

=====

This program is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License" which comes with this Kit.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See either the GNU General Public License or the Artistic License for more details.

You should have received a copy of the Artistic License with this Kit, in the file named ""Artistic"". If not, I'll be glad to provide one.

You should also have received a copy of the GNU General Public License along with this program in the file named ""Copying"". If not, write to the

Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA or visit their web page on the internet at <https://www.gnu.org/copyleft/gpl.html>.

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself. Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.) This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

### The ""Artistic License""

#### Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

#### Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR

## Third-Party Notices

---

IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

### GNU GENERAL PUBLIC LICENSE Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and

modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any

later version"", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

## Third-Party Notices

---

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

### Exceptions

-----

The Perl distribution contains the Perl interpreter and many Perl modules.

Most Perl modules use the "perl license" as described in the section LICENSING above.

There are a few modules whose licensing or Copyright text is different.

If a Perl module has the same licensing terms as Perl itself, but has a different

Copyright text, the module name along with the Copyright text is presented.

If a Perl module has a different Copyright text and a different license, then both

the Copyright text and the license text is presented for the module.

These modules are noted below:

```
perl/expat/lib/cmake/expat-2.4.4/expat-config.cmake
```

```
-----
```

```
# Copyright (c) 2019 Expat development team
# Licensed under the MIT license:
#
# Permission is hereby granted, free of charge, to any person
obtaining
# a copy of this software and associated documentation files
(the
# "Software"), to deal in the Software without restriction,
including
# without limitation the rights to use, copy, modify, merge,
publish,
# distribute, sublicense, and/or sell copies of the Software, and to
permit
# persons to whom the Software is furnished to do so, subject to
the
# following conditions:
#
# The above copyright notice and this permission notice shall be
included
# in all copies or substantial portions of the Software.
#
# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY
KIND,
# EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
OF
# MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.
IN
# NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY
CLAIM,
# DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT
OR
# OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR
THE
# USE OR OTHER DEALINGS IN THE SOFTWARE.
#
```

## Third-Party Notices

---

perl/expat/include/expat\_external.h

-----

Copyright (c) 1997-2000 Thai Open Source Software Center Ltd  
Copyright (c) 2000 Clark Cooper <coopercc@users.sourceforge.net>  
Copyright (c) 2000-2004 Fred L. Drake, Jr.  
<fdrake@users.sourceforge.net>  
Copyright (c) 2001-2002 Greg Stein <gstein@users.sourceforge.net>  
Copyright (c) 2002-2006 Karl Waclawek <karl@wacławek.net>  
Copyright (c) 2016 Cristian Rodríguez <crrodriguez@opensuse.org>  
Copyright (c) 2016-2019 Sebastian Pipping <sebastian@pipping.org>  
Copyright (c) 2017 Rhodri James <rhodri@wildebeest.org.uk>  
Copyright (c) 2018 Yury Gribov <tetra2005@gmail.com>  
Licensed under the MIT license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `""AS IS""`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

perl/expat/include/expat.h

-----

Copyright (c) 1997-2000 Thai Open Source Software Center Ltd  
Copyright (c) 2000 Clark Cooper <coopercc@users.sourceforge.net>  
Copyright (c) 2000-2005 Fred L. Drake, Jr.  
<fdrake@users.sourceforge.net>  
Copyright (c) 2001-2002 Greg Stein <gstein@users.sourceforge.net>  
Copyright (c) 2002-2016 Karl Waclawek <karl@wacławek.net>  
Copyright (c) 2016-2022 Sebastian Pipping <sebastian@pipping.org>

Copyright (c) 2016 Cristian Rodríguez <crrodriguez@opensuse.org>  
 Copyright (c) 2016 Thomas Beutlich <tc@tbeu.de>  
 Copyright (c) 2017 Rhodri James <rhodri@wildebeest.org.uk>  
 Licensed under the MIT license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the `""Software""`), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED `""AS IS""`, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

perl/lib/site\_perl/5.38.0/Try/Tiny.pm

-----

This software is Copyright (c) 2009 by øøøø øøø'øø (Yuval Kogman).

perl/lib/site\_perl/5.38.0/WWW/RobotRules.pm

-----

Copyright 1995-2009, Gisle Aas  
 Copyright 1995, Martijn Koster

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/MIME/QuotedPrint.pm

-----

Copyright 1995-1997,2002-2004 Gisle Aas.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/MIME/Base64.pm

-----

## Third-Party Notices

---

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster <m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell Communications Research, Inc. (Bellcore)

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/CryptX.pm

-----  
Copyright (c) 2013-2021 DCIT, a.s. L<<https://www.dcit.cz>> / Karel Miko

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Time/HiRes.pm

-----  
Copyright (c) 1996-2002 Douglas E. Wegscheid. All rights reserved.  
Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008 Jarkko Hietaniemi.  
All rights reserved.  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Sponge.pm

-----  
# Copyright (c) 1994-2003 Tim Bunce Ireland  
This module is Copyright (c) 2003 Tim Bunce

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Gofer/Transport/null.pm

-----  
# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Gofer/Transport/corostream.pm

-----  
Copyright (c) 2010, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Gofer/Transport/pipeone.pm

-----  
# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Gofer/Transport/Base.pm

---

```
# Copyright (c) 2007, Tim Bunce, Ireland
Copyright (c) 2007-2008, Tim Bunce, Ireland. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBD/Gofer/Transport/stream.pm
-----
```

```
# Copyright (c) 2007, Tim Bunce, Ireland
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBD/Gofer/Policy/classic.pm
-----
```

```
# Copyright (c) 2007, Tim Bunce, Ireland
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBD/Gofer/Policy/pedantic.pm
-----
```

```
# Copyright (c) 2007, Tim Bunce, Ireland
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBD/Gofer/Policy/rush.pm
-----
```

```
# Copyright (c) 2007, Tim Bunce, Ireland
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBD/Gofer/Policy/Base.pm
-----
```

```
# Copyright (c) 2007, Tim Bunce, Ireland
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBD/File.pm
-----
```

```
# Copyright (C) 2009-2013 by H.Merijn Brand & Jens Rehsack
# Copyright (C) 2004 by Jeff Zucker
# Copyright (C) 1998 by Jochen Wiedmann
Copyright (C) 2009-2013 by H.Merijn Brand & Jens Rehsack
Copyright (C) 2004-2009 by Jeff Zucker
Copyright (C) 1998-2004 by Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBD/File/Developers.pod
-----
```

```
Copyright (C) 2010-2013 by H.Merijn Brand & Jens Rehsack
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBD/File/HowTo.pod
```

## Third-Party Notices

---

-----  
Copyright (C) 2010 by H.Merijn Brand & Jens Rehsack

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Win32.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Win64.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Vms.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Hpux.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Sun.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Cygwin.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Aix.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim  
Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/DBD/Oracle/Troubleshooting/Macos.pod

---

This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Oracle/Troubleshooting/Linux.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Oracle/Object.pm

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Oracle/Troubleshooting.pod

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Oracle/GetInfo.pm

-----  
This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/DBM.pm

-----  
# Copyright (c) 2004 by Jeff Zucker < jzucker AT cpan.org >  
# Copyright (c) 2010-2013 by Jens Rehsack & H.Merijn Brand  
Copyright (c) 2004 by Jeff Zucker, all rights reserved.  
Copyright (c) 2010-2013 by Jens Rehsack & H.Merijn Brand, all rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/NullP.pm

-----  
# Copyright (c) 1994-2007 Tim Bunce

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Proxy.pm

-----  
# Copyright (c) 1997,1998 Jochen Wiedmann  
This module is Copyright (c) 1997, 1998

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Oracle.pm

-----  
# Copyright (c) 1994-2005 Tim Bunce, Ireland  
# Copyright (c) 2006-2008 John Scoles (The Pythian Group), Canada  
The DBD::Oracle module is Copyright (c) 1994-2006 Tim Bunce. Ireland.

## Third-Party Notices

---

The DBD::Oracle module is Copyright (c) 2006-2011 John Scoles (The Pythian Group). Canada.

The DBD::Oracle module is Copyright (c) 2011 John Scoles. Canada.

This software is copyright (c) 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/ExampleP.pm

-----  
# Copyright (c) 1994,1997,1998 Tim Bunce

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Mem.pm

-----  
# Copyright (C) 2016,2017 by Jens Rehsack  
Copyright (c) 2016- by Jens Rehsack, all rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBD/Gofer.pm

-----  
# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Term/ReadKey.pm

-----  
Prior to the 2.31 release the license statement was:

Copyright (C) 1994-1999 Kenneth Albanowski.  
2001-2005 Jonathan Stowe and others

Unlimited distribution and/or modification is allowed as  
long as this  
copyright notice remains intact.

And was only stated in the README file.

Because I believe the original author's intent was to be more open than  
the  
other commonly used licenses I would like to leave that in place. However  
if  
you or your lawyers require something with some more words you can  
optionally  
choose to license this under the standard Perl license:

This module is free software; you can redistribute it and/or modify  
it  
under the terms of the Artistic License. For details, see the full  
text of the license in the file ""Artistic"" that should have been  
provided  
with the version of perl you are using.

This program is distributed in the hope that it will be useful, but  
without any warranty; without even the implied warranty of  
merchantability  
or fitness for a particular purpose.

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-  
multi/auto/DBD/Oracle/dbdimp.h
```

```
-----  
Copyright (c) 1994-2006 Tim Bunce  
Copyright (c) 2006-2008 John Scoles (The Pythian Group), Canada
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-  
multi/auto/DBD/Oracle/Oracle.h
```

```
-----  
Copyright (c) 1994-2006 Tim Bunce  
See the COPYRIGHT section in the Oracle.pm file for terms.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/auto/DBI/dbi_sql.h
```

```
-----  
* Copyright (c) 1997,1998,1999 Tim Bunce England  
* See COPYRIGHT section in DBI.pm for usage and distribution rights.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/auto/DBI/Driver_xst.h
```

```
-----  
# Copyright (c) 2002 Tim Bunce Ireland
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/auto/DBI/dbd_xsh.h
```

```
-----  
* Copyright 2000-2002 Tim Bunce  
* Copyright 2002 Jonathan Leffler
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/auto/DBI/dbiport.h
```

```
-----  
Version 3.x, Copyright (c) 2004-2013, Marcus Holland-Moritz.  
Version 2.x, Copyright (C) 2001, Paul Marquess.  
Version 1.x, Copyright (C) 1999, Kenneth Albanowski.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/auto/DBI/DBIXS.h
```

```
-----  
* Copyright (c) 1994-2010 Tim Bunce Ireland  
* See COPYRIGHT section in DBI.pm for usage and distribution rights.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/auto/DBI/Driver.xst
```

```
-----  
# Copyright (c) 1997-2002 Tim Bunce Ireland  
# Copyright (c) 2002 Jonathan Leffler
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/HTML/HeadParser.pm
```

```
-----  
Copyright 1996-2001 Gisle Aas. All rights reserved.
```

## Third-Party Notices

---

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/HTML/Filter.pm  
-----  
Copyright 1997-1999 Gisle Aas.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/HTML/Entities.pm  
-----  
Copyright 1995-2006 Gisle Aas. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/HTML/Tokenizer.pm  
-----  
Copyright 1998-2005 Gisle Aas.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/HTML/PullParser.pm  
-----  
Copyright 1998-2001 Gisle Aas.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/HTML/Parser.pm  
-----  
Copyright 1996-2016 Gisle Aas. All rights reserved.  
Copyright 1999-2000 Michael A. Chase. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/HTML/LinkExtor.pm  
-----  
Copyright 1996-2001 Gisle Aas.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Crypt/Curve25519.pm  
-----  
This software is copyright (c) 2014 by Alex J. G. Burzynski  
<ajgb@cpan.org>.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/XML/Parser/LWPExternEnt.pl  
-----  
# Copyright (c) 2000 Clark Cooper

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/XML/Parser.pm  
-----  
# Copyright (c) 1998-2000 Larry Wall and Clark Cooper

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Filesys/Df.pm  
-----  
Copyright (c) 2006 Ian Guthrie. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl.pm  
-----

---

Copyright (c) 2015-2017 Rythmos, Inc.  
Copyright (c) 2001-2003 Benjamin Trott, Copyright (c) 2003-2008 David Rolsky. Copyright (c) David Robins. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The full text of the license can be found in the LICENSE file included with this module.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Key/Ed25519.pm  
-----

Copyright (c) 2015-2016 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Key/ECDSA.pm  
-----

Copyright (c) 2016 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Proxy.pm  
-----

Copyright (c) 2015 Loyalty Methods, Inc. All Rights Reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Mac.pm  
-----

Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Kex/DHGEXSHA1.pm  
-----

Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Kex/DHGEXSHA256.pm  
-----

Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Kex/DH18SHA512.pm  
-----

Copyright (c) 2016 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Net/SSH/Perl/Kex/C25519.pm  
-----

Copyright (c) 2015 Loyalty Methods, Inc.

## Third-Party Notices

---

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Kex/DH16SHA512.pm

-----  
Copyright (c) 2016 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Kex/DHGEX.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/CTR.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES\_CBC.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/CBC.pm

-----  
# Parts copyright (C) 1995, 1996 Systemics Ltd (<http://www.systemics.com/>)

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES192\_CTR.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/ChaChaPoly.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES256\_CTR.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES\_CTR.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES128\_CTR.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/CFB.pm

-----  
# Parts Copyright (C) 1995, 1996 Systemics Ltd (<http://www.systemics.com/>)

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES256\_CBC.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES128\_CBC.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-  
multi/Net/SSH/Perl/Cipher/AES192\_CBC.pm

-----  
Copyright (c) 2015 Loyalty Methods, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Digest/MD2.pm

-----  
Copyright 1998-2003 Gisle Aas.  
Copyright 1990-1992 RSA Data Security, Inc.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Digest/SHA1.pm

-----  
Copyright 1999-2004 Gisle Aas.  
Copyright 1997 Uwe Hollerbach.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI.pm

-----  
# Copyright (c) 1994-2012 Tim Bunce Ireland  
The DBI module is Copyright (c) 1994-2012 Tim Bunce. Ireland.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Compress/Raw/Bzip2.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/Compress/Raw/Zlib.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

## Third-Party Notices

---

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Execute.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Transport/pipeone.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Transport/Base.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Transport/stream.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Serializer/DataDumper.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Serializer/Storable.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Serializer/Base.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Request.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Gofer/Response.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland  
Copyright (c) 2007, Tim Bunce, Ireland. All rights reserved.

---

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBI/ProxyServer.pm
```

```
-----
```

```
# Copyright (c) 1997 Jochen Wiedmann
  ""DBI::ProxyServer $version, Copyright (C) 1998, Jochen Wiedmann"";
  Copyright (c) 1997 Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBI/ProfileDumper/Apache.pm
```

```
-----
```

```
Copyright (C) 2002 Sam Tregar
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBI/DBD/SqlEngine/Developers.pod
```

```
-----
```

```
Copyright (C) 2010 by H.Merijn Brand & Jens Rehsack
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBI/DBD/SqlEngine/HowTo.pod
```

```
-----
```

```
Copyright (C) 2010 by H.Merijn Brand & Jens Rehsack
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBI/DBD/SqlEngine.pm
```

```
-----
```

```
# Copyright (C) 2009-2013 by H.Merijn Brand & Jens Rehsack
# Copyright (C) 2004 by Jeff Zucker
# Copyright (C) 1998 by Jochen Wiedmann
  Copyright (C) 2009-2013 by H.Merijn Brand & Jens Rehsack
  Copyright (C) 2004-2009 by Jeff Zucker
  Copyright (C) 1998-2004 by Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBI/DBD/Metadata.pm
```

```
-----
```

```
# Copyright (c) 1997-2003 Jonathan Leffler, Jochen Wiedmann,
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBI/ProfileDumper.pm
```

```
-----
```

```
Copyright (C) 2002 Sam Tregar
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-multi/DBI/SQL/Nano.pm
```

```
-----
```

```
# Copyright (c) 2010 by Jens Rehsack < rehsack AT cpan.org >
# Copyright (c) 2004 by Jeff Zucker < jzucker AT cpan.org >
  Copyright (C) 2010 by Jens Rehsack, all rights reserved.
  Copyright (C) 2004 by Jeff Zucker, all rights reserved.
```

```
perl/lib/site_perl/5.38.0/x86_64-linux-thread-
multi/DBI/Const/GetInfoReturn.pm
```

## Third-Party Notices

---

-----

# Copyright (c) 2002 Tim Bunce Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Const/GetInfoType.pm

-----

# Copyright (c) 2002 Tim Bunce Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Const/GetInfo/ANSI.pm

-----

# Copyright (c) 2002 Tim Bunce Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Const/GetInfo/ODBC.pm

-----

# Copyright (c) 2002 Tim Bunce Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/ProfileData.pm

-----

Copyright (C) 2002 Sam Tregar

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/DBD.pm

-----

# Copyright (c) 1997-2006 Jonathan Leffler, Jochen Wiedmann, Steffen

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/PurePerl.pm

-----

# Copyright (c) 2002,2003 Tim Bunce Ireland.

Copyright (c) 2002 Tim Bunce Ireland.

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/Util/CacheMemory.pm

-----

# Copyright (c) 2007, Tim Bunce, Ireland

perl/lib/site\_perl/5.38.0/x86\_64-linux-thread-multi/DBI/W32ODBC.pm

-----

# Copyright (c) 1997,1999 Tim Bunce

perl/lib/site\_perl/5.38.0/Date/Language/Bulgarian.pm

-----

Copyright (c) 2010 Krasimir Berov. This program is free

perl/lib/site\_perl/5.38.0/Date/Format.pm

-----

---

# Copyright (c) 1995-2009 Graham Barr. This program is free

perl/lib/site\_perl/5.38.0/Date/Parse.pm

-----

# Copyright (c) 1995-2009 Graham Barr. This program is free

perl/lib/site\_perl/5.38.0/Encode/Locale.pm

-----

Copyright 2010 Gisle Aas <gisle@aas.no>.

perl/lib/site\_perl/5.38.0/Sys/Info/Driver.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info/Device.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info/OS.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info/Constants.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info/Helper.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info/Base.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info/Device/CPU.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/Sys/Info.pm

-----

This software is copyright (c) 2006 by Burak Gursoy.

perl/lib/site\_perl/5.38.0/File/Listing.pm

-----

This software is copyright (c) 1996-2020 by Gisle Aas.

## Third-Party Notices

---

perl/lib/site\_perl/5.38.0/File/HomeDir/MacOS9.pm

-----

Copyright 2005 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack  
Some parts copyright 2000 Sean M. Burke.

perl/lib/site\_perl/5.38.0/File/HomeDir/Driver.pm

-----

Copyright 2009 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack

perl/lib/site\_perl/5.38.0/File/HomeDir/Darwin.pm

-----

Copyright 2009 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack

perl/lib/site\_perl/5.38.0/File/HomeDir/Darwin/Carbon.pm

-----

Copyright 2009 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack

perl/lib/site\_perl/5.38.0/File/HomeDir/Darwin/Cocoa.pm

-----

Copyright 2009 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack

perl/lib/site\_perl/5.38.0/File/HomeDir/Windows.pm

-----

Copyright 2005 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack  
Some parts copyright 2000 Sean M. Burke.

perl/lib/site\_perl/5.38.0/File/HomeDir/Unix.pm

-----

Copyright 2005 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack  
Some parts copyright 2000 Sean M. Burke.

perl/lib/site\_perl/5.38.0/File/HomeDir/Test.pm

-----

Copyright 2005 - 2011 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack

perl/lib/site\_perl/5.38.0/File/HomeDir/FreeDesktop.pm

-----

Copyright 2009 - 2011 Jerome Quelin.

---

Some parts copyright 2010 Adam Kennedy.  
Some parts copyright 2017 - 2020 Jens Rehsack

perl/lib/site\_perl/5.38.0/File/GlobMapper.pm

-----

Copyright (c) 2005 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/File/Which.pm

-----

This software is copyright (c) 2002 by Per Einar Ellefsen  
<pereinar@cpan.org>.

perl/lib/site\_perl/5.38.0/File/HomeDir.pm

-----

Copyright 2005 - 2012 Adam Kennedy.  
Copyright 2017 - 2020 Jens Rehsack  
Some parts copyright 2000 Sean M. Burke.  
Some parts copyright 2006 Chris Nandor.  
Some parts copyright 2006 Stephen Steneker.  
Some parts copyright 2009-2011 Jérôme Quelin.

perl/lib/site\_perl/5.38.0/Switch.pm

-----

Copyright (c) 1997-2008, Damian Conway. All Rights Reserved.

perl/lib/site\_perl/5.38.0/Mail/Send.pod

-----

Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Cap.pm

-----

# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Filter.pm

-----

# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Filter.pod

-----

Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Cap.pod

-----

Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Util.pod

## Third-Party Notices

---

-----  
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Send.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Address.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Mailer.pod

-----  
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Field.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Address.pod

-----  
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Mailer.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Util.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Internet.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Field/Date.pm

-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Field/Generic.pod

-----  
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/Mail/Field/AddrList.pm

---

```
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/Mail/Field/Date.pod
```

```
-----
```

```
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and
```

```
perl/lib/site_perl/5.38.0/Mail/Field/AddrList.pod
```

```
-----
```

```
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and
```

```
perl/lib/site_perl/5.38.0/Mail/Field/Generic.pm
```

```
-----
```

```
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/Mail/Internet.pod
```

```
-----
```

```
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and
```

```
perl/lib/site_perl/5.38.0/Mail/Field.pod
```

```
-----
```

```
Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and
```

```
perl/lib/site_perl/5.38.0/Mail/Header.pm
```

```
-----
```

```
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/Mail/Sender.pm
```

```
-----
```

```
Copyright (c) 1997-2014 Jan Krynicki <F<Jenda@Krynicky.cz>>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Mail/Mailer/smtp.pm
```

```
-----
```

```
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/Mail/Mailer/rfc822.pm
```

```
-----
```

```
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/Mail/Mailer/smtps.pm
```

```
-----
```

```
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/Mail/Mailer/testfile.pm
```

```
-----
```

## Third-Party Notices

---

# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Mailer/sendmail.pm

-----

# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Mailer/qmail.pm

-----

# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].

perl/lib/site\_perl/5.38.0/Mail/Header.pod

-----

Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/HTML/FormatPS.pm

-----

This software is copyright (c) 2016 by Nigel Metheringham, 2002-2005 Sean M Burke, 1999-2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/HTML/FormatMarkdown.pm

-----

This software is copyright (c) 2016 by Nigel Metheringham, 2002-2005 Sean M Burke, 1999-2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/HTML/Formatter.pm

-----

This software is copyright (c) 2016 by Nigel Metheringham, 2002-2005 Sean M Burke, 1999-2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/HTML/Form.pm

-----

This software is copyright (c) 1998 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTML/FormatText.pm

-----

This software is copyright (c) 2016 by Nigel Metheringham, 2002-2005 Sean M Burke, 1999-2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/HTML/Tagset.pm

-----

Copyright 1995-2000 Gisle Aas.  
Copyright 2000-2005 Sean M. Burke.  
Copyright 2005-2008 Andy Lester.

perl/lib/site\_perl/5.38.0/HTML/FormatRTF.pm

-----

---

This software is copyright (c) 2016 by Nigel Metheringham, 2002-2005 Sean M Burke, 1999-2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/MailTools.pod

-----

Copyrights 1995-2000 Graham Barr E<lt>gbarr@pobox.comE<gt> and

perl/lib/site\_perl/5.38.0/URI/Heuristic.pm

-----

Copyright 1997-1998, Gisle Aas

perl/lib/site\_perl/5.38.0/URI/file.pm

-----

Copyright 1995-1998,2004 Gisle Aas.

perl/lib/site\_perl/5.38.0/URI/ldap.pm

-----

# Copyright (c) 1998 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1998 Graham Barr. All rights reserved.

perl/lib/site\_perl/5.38.0/URI/URL.pm

-----

Copyright 1998-2000 Gisle Aas.

perl/lib/site\_perl/5.38.0/URI/Split.pm

-----

Copyright 2003, Gisle Aas

perl/lib/site\_perl/5.38.0/URI/data.pm

-----

Copyright 1995-1998 Gisle Aas.

perl/lib/site\_perl/5.38.0/URI/Escape.pm

-----

Copyright 1995-2004 Gisle Aas.

perl/lib/site\_perl/5.38.0/URI/QueryParam.pm

-----

Copyright 2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/URI/WithBase.pm

-----

Copyright 1998-2002 Gisle Aas.

perl/lib/site\_perl/5.38.0/URI/\_ldap.pm

## Third-Party Notices

---

```
-----  
# Copyright (c) 1998 Graham Barr <gbarr@pobox.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/MailTools.pm
```

```
-----  
# Copyrights 1995-2019 by [Mark Overmeer <markov@cpan.org>].
```

```
perl/lib/site_perl/5.38.0/LWP.pm
```

```
-----  
    Copyright 1995-2009, Gisle Aas  
    Copyright 1995, Martijn Koster
```

```
perl/lib/site_perl/5.38.0/RPC/PlClient/Comm.pm
```

```
-----  
#    Copyright (c) 1997,1998    Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/RPC/PlServer/Comm.pm
```

```
-----  
#    Copyright (c) 1997,1998    Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/RPC/PlClient.pm
```

```
-----  
#    Copyright (c) 1997, 1998    Jochen Wiedmann  
    Copyright (C) 1998, Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/RPC/PlServer.pm
```

```
-----  
#    Copyright (c) 1997,1998    Jochen Wiedmann  
    ""RPC::PlServer application, Copyright (C) 1997, 1998, Jochen  
Wiedmann"";  
    Copyright (C) 1998, Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/JSON/backportPP/Compat5006.pm
```

```
-----  
Copyright 2007-2012 by Makamaka Hannyaharamitu
```

```
perl/lib/site_perl/5.38.0/JSON/backportPP/Compat5005.pm
```

```
-----  
Copyright 2007-2012 by Makamaka Hannyaharamitu
```

```
perl/lib/site_perl/5.38.0/JSON/backportPP.pm
```

```
-----  
Copyright 2007-2016 by Makamaka Hannyaharamitu
```

```
perl/lib/site_perl/5.38.0/Net/LDAPS.pm
```

---

```
# Copyright (c) 2000-2004 Chris Ridd <chris.ridd@isode.com> and  
Copyright (c) 2000-2004, Chris Ridd and Graham Barr. All rights reserved.  
This
```

```
perl/lib/site_perl/5.38.0/Net/Daemon/Log.pm  
-----
```

```
# Copyright (C) 1998, Jochen Wiedmann  
Net::Daemon is Copyright (C) 1998, Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/Net/Daemon/Test.pm  
-----
```

```
# Copyright (C) 1998, Jochen Wiedmann  
Net::Daemon is Copyright (C) 1998, Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/Net/HTTPS.pm  
-----
```

```
This software is copyright (c) 2001-2017 by Gisle Aas.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/MatchedValues.pm  
-----
```

```
# Copyright (c) 2011 Peter Marschall <peter@adpm.de>. All rights reserved.  
Copyright (c) 2011 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/SortResult.pm  
-----
```

```
# Copyright (c) 1999-2004 Graham Barr <gbarr@pobox.com>. All rights  
reserved.  
Copyright (c) 1999-2004 Graham Barr. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/PersistentSearch.pm  
-----
```

```
# Copyright (c) 2004 Peter Marschall <peter@adpm.de>. All rights reserved.  
Copyright (c) 2004 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/Assertion.pm  
-----
```

```
# Copyright (c) 2011 Peter Marschall <peter@adpm.de>. All rights reserved.  
Copyright (c) 2011 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/Subentries.pm  
-----
```

```
# Copyright (c) 2020 Peter Marschall <peter@adpm.de>. All rights reserved.  
Copyright (c) 2020 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/SyncDone.pm  
-----
```

## Third-Party Notices

---

```
# Copyright (c) 2008 Mathieu Parent <math.parent@gmail.com>. All rights reserved.
Copyright (c) 2008 Mathieu Parent. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/VLV.pm
-----
```

```
# Copyright (c) 2000-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
Copyright (c) 2000-2004 Graham Barr. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/ProxyAuth.pm
-----
```

```
# Copyright (c) 2001-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
Copyright (c) 2001-2004 Graham Barr. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/ManageDsaIT.pm
-----
```

```
# Copyright (c) 2004 Peter Marschall <peter@adpm.de>. All rights reserved.
Copyright (c) 2004 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/PasswordPolicy.pm
-----
```

```
# Copyright (c) 2008 Chris Ridd <chris.ridd@isode.com>. All rights reserved.
Copyright (c) 2008 Chris Ridd. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/DontUseCopy.pm
-----
```

```
# Copyright (c) 2014 Peter Marschall <peter@adpm.de>. All rights reserved.
Copyright (c) 2014 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/Paged.pm
-----
```

```
# Copyright (c) 2000-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
Copyright (c) 2000-2004 Graham Barr. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/EntryChange.pm
-----
```

```
# Copyright (c) 2004 Peter Marschall <peter@adpm.de>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/NoOp.pm
-----
```

```
# Copyright (c) 2021 Peter Marschall <peter@adpm.de>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/Relax.pm
```

```
-----  
# Copyright (c) 2013 Peter Marschall <peter@adpm.de>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/Sort.pm
```

```
-----  
# Copyright (c) 1999-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/PostRead.pm
```

```
-----  
# Copyright (c) 2008 Peter Marschall <peter@adpm.de>. All rights reserved.  
Copyright (c) 2008,2011 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/PreRead.pm
```

```
-----  
# Copyright (c) 2008 Peter Marschall <peter@adpm.de>. All rights reserved.  
Copyright (c) 2008,2011 Peter Marschall. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/VLVResponse.pm
```

```
-----  
# Copyright (c) 2000-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/SyncState.pm
```

```
-----  
# Copyright (c) 2008 Mathieu Parent <math.parent@gmail.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/TreeDelete.pm
```

```
-----  
# Copyright (c) 2020 Peter Marschall <peter@adpm.de>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Control/SyncRequest.pm
```

```
-----  
# Copyright (c) 2008 Mathieu Parent <math.parent@gmail.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Bind.pm
```

```
-----  
# Copyright (c) 1998-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP/Extra/AD.pm
```

```
-----  
Copyright (c) 2012 Peter Marschall. All rights reserved. This program is
```

## Third-Party Notices

---

perl/lib/site\_perl/5.38.0/Net/LDAP/Extra/eDirectory.pm

-----

Copyright (c) 2013 Peter Marschall. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/LDIF.pm

-----

# Copyright (c) 1997-2008 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/Filter.pm

-----

# Copyright (c) 1997-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/Extra.pm

-----

# Copyright (c) 2000-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/FAQ.pod

-----

Copyright (c) 1999-2004 Graham Barr, (c) 2012 Peter Marschall. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/FilterMatch.pm

-----

# Copyright (c) 2005-2006 Hans Klunder <hans.klunder@bigfoot.com>  
# Copyright (c) 2005-2012 Peter Marschall <peter@adpm.de>

perl/lib/site\_perl/5.38.0/Net/LDAP/Schema.pm

-----

# Copyright (c) 1998-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/RootDSE.pm

-----

# Copyright (c) 2003-2004 Chris Ridd <chris.ridd@isode.com> and  
Copyright (c) 2003-2004, Chris Ridd and Graham Barr. All rights reserved.  
This

perl/lib/site\_perl/5.38.0/Net/LDAP/DSML.pm

-----

# Copyright (c) 2002-2006 Graham Barr. All rights reserved. This program is  
is  
Copyright (c) 2002-2006 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Filter.pod

-----  
Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Schema.pod

-----  
Copyright (c) 1998-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Extension/WhoAmI.pm

-----  
Copyright (c) 2002-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Extension/Cancel.pm

-----  
Copyright (c) 2011 Peter Marschall. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Extension/SetPassword.pm

-----  
Copyright (c) 2002-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Extension/Refresh.pm

-----  
Copyright (c) 2010 Etienne Bagnoud. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Constant.pm

-----  
# Copyright (c) 1998-2009 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1998-2009 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Intermediate.pm

-----  
# Copyright (c) 2008 Mathieu Parent <math.parent@gmail.com>. All rights reserved.

Copyright (c) 2008 Mathieu Parent. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Entry.pod

-----  
Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program

perl/lib/site\_perl/5.38.0/Net/LDAP/Entry.pm

-----  
# Copyright (c) 1997-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/Control.pm

## Third-Party Notices

---

# Copyright (c) 1999-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.  
Copyright (c) 1999-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Search.pm  
-----

# Copyright (c) 1997-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/Message.pod  
-----

Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program

perl/lib/site\_perl/5.38.0/Net/LDAP/Util.pm  
-----

# Copyright (c) 1999-2004 Graham Barr <gbarr@pobox.com> and  
Copyright (c) 1999-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Security.pod  
-----

Copyright (c) 2001-2004 Chris Ridd. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/LDIF.pod  
-----

Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program

perl/lib/site\_perl/5.38.0/Net/LDAP/Search.pod  
-----

Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program

perl/lib/site\_perl/5.38.0/Net/LDAP/Extension.pm  
-----

# Copyright (c) 1998-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/Message.pm  
-----

# Copyright (c) 1997-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Net/LDAP/Reference.pod  
-----

Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/Net/LDAP/Intermediate/SyncInfo.pm  
-----

---

```
# Copyright (c) 2008 Mathieu Parent <math.parent@gmail.com>. All rights reserved.
```

```
Copyright (c) 2008 Mathieu Parent. All rights reserved. This program is
```

```
perl/lib/site_perl/5.38.0/Net/HTTP/NB.pm
```

```
-----
```

```
This software is copyright (c) 2001-2017 by Gisle Aas.
```

```
perl/lib/site_perl/5.38.0/Net/HTTP/Methods.pm
```

```
-----
```

```
This software is copyright (c) 2001-2017 by Gisle Aas.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP.pm
```

```
-----
```

```
# Copyright (c) 1997-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.
```

```
perl/lib/site_perl/5.38.0/Net/LDAPI.pm
```

```
-----
```

```
# Copyright (c) 2003-2004 Derrik Pates <dpates@dSDK12.net> and Graham Barr  
Copyright (c) 2003-2004, Derrik Pates and Graham Barr. All
```

```
perl/lib/site_perl/5.38.0/Net/Daemon.pm
```

```
-----
```

```
# Copyright (C) 1998, Jochen Wiedmann  
  ""Net::Daemon server, Copyright (C) 1998, Jochen Wiedmann"";  
  Net::Daemon is Copyright (C) 1998, Jochen Wiedmann
```

```
perl/lib/site_perl/5.38.0/Net/HTTP.pm
```

```
-----
```

```
This software is copyright (c) 2001-2017 by Gisle Aas.
```

```
perl/lib/site_perl/5.38.0/Net/LDAP.pod
```

```
-----
```

```
Copyright (c) 1997-2004 Graham Barr. All rights reserved. This program is
```

```
perl/lib/site_perl/5.38.0/LWP/UserAgent.pm
```

```
-----
```

```
Copyright 1995-2009 Gisle Aas.
```

```
perl/lib/site_perl/5.38.0/LWP/Protocol/ldaps.pm
```

```
-----
```

```
Copyright (c) 2012 Peter Marschall. All rights reserved. This program is
```

```
perl/lib/site_perl/5.38.0/LWP/Protocol/ldap.pm
```

```
-----
```

## Third-Party Notices

---

# Copyright (c) 1998-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1998-2004 Graham Barr, 2012 Peter Marschall.

perl/lib/site\_perl/5.38.0/LWP/Protocol/ldapi.pm

-----  
Copyright (c) 2012 Peter Marschall. All rights reserved. This program is

perl/lib/site\_perl/5.38.0/LWP/RobotUA.pm

-----  
Copyright 1996-2004 Gisle Aas.

perl/lib/site\_perl/5.38.0/LWP/ConnCache.pm

-----  
Copyright 2001 Gisle Aas.

perl/lib/site\_perl/5.38.0/LWP/Authen/Ntlm.pm

-----  
Copyright (c) 2002 James Tillman. All rights reserved. This

perl/lib/site\_perl/5.38.0/LWP/MediaTypes.pm

-----  
Copyright 1995-1999 Gisle Aas.

perl/lib/site\_perl/5.38.0/LWP/Protocol.pm

-----  
Copyright 1995-2001 Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Negotiate.pm

-----  
Copyright 1996,2001 Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Date.pm

-----  
This software is copyright (c) 1995-2019 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Status.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Headers/Auth.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Headers/Util.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Headers/ETag.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Request.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Config.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Daemon.pm

-----  
This software is copyright (c) 1995 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Cookies/Netscape.pm

-----  
This software is copyright (c) 2002 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Cookies/Microsoft.pm

-----  
Copyright 2002 Johnny Lee  
This software is copyright (c) 2002 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Response.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Message.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Request/Common.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Headers.pm

-----  
This software is copyright (c) 1994 by Gisle Aas.

perl/lib/site\_perl/5.38.0/HTTP/Cookies.pm

## Third-Party Notices

---

-----  
This software is copyright (c) 2002 by Gisle Aas.

perl/lib/site\_perl/5.38.0/JSON.pm

-----  
Copyright 2005-2013 by Makamaka Hannyaharamitu

perl/lib/site\_perl/5.38.0/PerlIO/via/Timeout.pm

-----  
# This software is copyright (c) 2013 by Damien "dams" Krotkine.  
This software is copyright (c) 2013 by Damien "dams" Krotkine.

perl/lib/site\_perl/5.38.0/URI.pm

-----  
Copyright 1995-2009 Gisle Aas.  
Copyright 1995 Martijn Koster.

perl/lib/site\_perl/5.38.0/Compress/Zlib.pm

-----  
Copyright (c) 1995-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/AnyUncompress.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/Inflate.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/AnyInflate.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/RawInflate.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/Unzip.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/Base.pm

-----  
Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

---

perl/lib/site\_perl/5.38.0/IO/Uncompress/Gunzip.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Uncompress/Bunzip2.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/Bzip2.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/RawDeflate.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/FAQ.pod

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/Zip.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/Base.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/Gzip.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Compress/Deflate.pm

-----

Copyright (c) 2005-2021 Paul Marquess. All rights reserved.

perl/lib/site\_perl/5.38.0/IO/Socket/Timeout.pm

-----

# This software is copyright (c) 2013 by Damien "dams" Krotkine.  
This software is copyright (c) 2013 by Damien "dams" Krotkine.

perl/lib/site\_perl/5.38.0/Convert/ASN1.pod

-----

Copyright (c) 2000-2012 Graham Barr <gbarr@cpan.org>. All rights reserved.

## Third-Party Notices

---

perl/lib/site\_perl/5.38.0/Convert/ASN1/parser.pm

-----

;  
# Copyright (c) 2000-2005 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Convert/ASN1/IO.pm

-----

# Copyright (c) 2000-2005 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Convert/ASN1/Debug.pm

-----

# Copyright (c) 2000-2005 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Convert/ASN1/\_decode.pm

-----

# Copyright (c) 2000-2005 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Convert/ASN1/\_encode.pm

-----

# Copyright (c) 2000-2005 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/Convert/ASN1.pm

-----

# Copyright (c) 2000-2002 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/site\_perl/5.38.0/libwww/lwpcook.pod

-----

Copyright 1996-2001, Gisle Aas

perl/lib/site\_perl/5.38.0/libwww/lwptut.pod

-----

Copyright 2002, Sean M. Burke. You can redistribute this document and/or

perl/lib/5.38.0/x86\_64-linux-thread-multi/IPC/Semaphore.pm

-----

# Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz <mhx@cpan.org>.

# Version 1.x, Copyright (C) 1997, Graham Barr <gbarr@pobox.com>.

Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz.

Version 1.x, Copyright (c) 1997, Graham Barr.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IPC/SharedMem.pm

-----

```
# Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz
<mhx@cpan.org>.
# Version 1.x, Copyright (C) 1997, Graham Barr <gbarr@pobox.com>.
Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz.
Version 1.x, Copyright (c) 1997, Graham Barr.
```

perl/lib/5.38.0/x86\_64-linux-thread-multi/IPC/SysV.pm

-----

```
# Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz
<mhx@cpan.org>.
# Version 1.x, Copyright (C) 1997, Graham Barr <gbarr@pobox.com>.
Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz.
Version 1.x, Copyright (c) 1997, Graham Barr.
```

perl/lib/5.38.0/x86\_64-linux-thread-multi/IPC/Msg.pm

-----

```
# Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz
<mhx@cpan.org>.
# Version 1.x, Copyright (C) 1997, Graham Barr <gbarr@pobox.com>.
Version 2.x, Copyright (C) 2007-2013, Marcus Holland-Moritz.
Version 1.x, Copyright (c) 1997, Graham Barr.
```

perl/lib/5.38.0/x86\_64-linux-thread-multi/MIME/QuotedPrint.pm

-----

Copyright 1995-1997,2002-2004 Gisle Aas.

perl/lib/5.38.0/x86\_64-linux-thread-multi/MIME/Base64.pm

-----

Copyright 1995-1999, 2001-2004, 2010 Gisle Aas.

This library is free software; you can redistribute it and/or  
modify it under the same terms as Perl itself.

Distantly based on LWP::Base64 written by Martijn Koster  
<m.koster@nexor.co.uk> and Joerg Reichelt <j.reichelt@nexor.co.uk> and  
code posted to comp.lang.perl <3pd2lp\$6gf@wsinti07.win.tue.nl> by Hans  
Mulder <hansm@wsinti07.win.tue.nl>

The XS implementation uses code from metamail. Copyright 1991 Bell  
Communications Research, Inc. (Bellcore)

perl/lib/5.38.0/x86\_64-linux-thread-multi/Encode.pm

-----

Copyright 2002-2014 Dan Kogai I<< <dankogai@cpan.org> >>.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Time/HiRes.pm

-----

Copyright (c) 1996-2002 Douglas E. Wegscheid. All rights reserved.  
Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008 Jarkko Hietaniemi.

## Third-Party Notices

---

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

perl/lib/5.38.0/x86\_64-linux-thread-multi/Time/Piece.pm

-----  
Copyright 2001, Larry Wall.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Time/Seconds.pm

-----  
Copyright 2001, Larry Wall.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Sys/Syslog.pm

-----  
Copyright (C) 1990-2012 by Larry Wall and others.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Cwd.pm

-----  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.  
Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in F<Cwd.xs> for the details.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Scalar/Util.pm

-----  
# Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved.  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved.  
Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved.  
Copyright (C) 2014 cPanel Inc. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Filter/Util/Call.pm

-----  
# Copyright (c) 1995-2011 Paul Marquess. All rights reserved.  
# Copyright (c) 2011-2014 Reini Urban. All rights reserved.  
# Copyright (c) 2014-2017 cPanel Inc. All rights reserved.  
Copyright (c) 1995-2011 Paul Marquess. All rights reserved.  
Copyright (c) 2011-2014 Reini Urban. All rights reserved.  
Copyright (c) 2014-2017 cPanel Inc. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Errno.pm

-----  
Copyright (c) 1997-8 Graham Barr. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Glob.pm

---

Copyright (c) 1989, 1993 The Regents of the University of California.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec.pm

-----

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/Epoc.pm

-----

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/VMS.pm

-----

Copyright (c) 2004-14 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/Functions.pm

-----

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/Unix.pm

-----

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/OS2.pm

-----

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/Win32.pm

-----

Copyright (c) 2004,2007 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/Cygwin.pm

-----

Copyright (c) 2004,2007 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/File/Spec/Mac.pm

-----

Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/mro.pm

-----

# Copyright (c) 2007 Brandon L Black

# Copyright (c) 2008,2009 Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/I18N/Langinfo.pm

-----

## Third-Party Notices

---

Copyright 2001 by Jarkko Hietaniemi

perl/lib/5.38.0/x86\_64-linux-thread-multi/Data/Dumper.pm

-----

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/DB\_File.pm

-----

# Copyright (c) 1995-2022 Paul Marquess. All rights reserved.

Copyright (c) 1995-2022 Paul Marquess. All rights reserved. This program

perl/lib/5.38.0/x86\_64-linux-thread-multi/Sub/Util.pm

-----

# Copyright (c) 2014 Paul Evans <leonerdd@leonerdd.org.uk>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/util.h

-----

\* Copyright (C) 1991, 1992, 1993, 1999, 2001, 2002, 2003, 2004, 2005,  
\* 2007, by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/gv.h

-----

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
2000,  
\* 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/regexp.h

-----

\* Copyright (C) 1993, 1994, 1996, 1997, 1999, 2000, 2001, 2003,  
\* 2005, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/thread.h

-----

\* Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006,  
\* by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/perl5dio.h

-----

\* Copyright (C) 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2003, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/EXTERN.h

-----

\* Copyright (C) 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999,  
\* 2000, 2001, by Larry Wall and others

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/perl.h
```

```
-----
```

```
* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001
* 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall and
others
```

```
/* The tables below are adapted from
* https://bjoern.hoehrmann.de/utf-8/decoder/dfa/, which requires this
copyright
* notice:
```

```
Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>
```

```
Permission is hereby granted, free of charge, to any person obtaining a
copy of
this software and associated documentation files (the ""Software""), to
deal in
the Software without restriction, including without limitation the rights
to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies
of the Software, and to permit persons to whom the Software is furnished
to do
so, subject to the following conditions:
```

```
The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.
```

```
THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE
SOFTWARE.
```

```
*/
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/dosish.h
```

```
-----
```

```
* Copyright (C) 1993, 1994, 1996, 1997, 1998, 1999,
* 2000, 2001, 2002, 2007, by Larry Wall and others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/form.h
```

```
-----
```

```
* Copyright (C) 1991, 1992, 1993, 2000, 2004, 2011 by Larry Wall and
others
```

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/reentr.h

-----

\* Copyright (C) 2002, 2003, 2005, 2006, 2007 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/regcomp.h

-----

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
\* 2000, 2001, 2002, 2003, 2005, 2006, 2007, by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/embed.h

-----

\* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/sv\_inline.h

-----

\* Copyright (C) 2022 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/pad.h

-----

\* Copyright (C) 2002, 2003, 2005, 2006, 2007, 2008,  
\* 2009, 2010, 2011 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/nostdio.h

-----

\* Copyright (C) 1996, 2000, 2001, 2005, by Larry Wall and others  
\* 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/XSUB.h

-----

\* Copyright (C) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,  
\* 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/fakesdio.h

-----

\* Copyright (C) 2000, by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/mg.h

-----

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1999,  
\* 2000, 2002, 2005, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/av.h

-----

---

```
* Copyright (C) 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999, 2000,  
* 2001, 2002, 2005, 2006, 2007, 2008, by Larry Wall and others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/utf8bcdic.h
```

```
-----  
* Copyright (C) 2001, 2002, 2003, 2005, 2006, 2007, 2009,  
* 2010, 2011 by Larry Wall, Nick Ing-Simmons, and others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/INTERN.h
```

```
-----  
* Copyright (C) 1991, 1992, 1993, 1995, 1996, 1998, 2000, 2001,  
* by Larry Wall and others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/invlist_inline.h
```

```
-----  
* Copyright (C) 2012 by Larry Wall and others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/op.h
```

```
-----  
* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
2000,  
* 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and  
others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/pp.h
```

```
-----  
* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000,  
2001,  
* 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others
```

```
perl/lib/5.38.0/x86_64-linux-thread-multi/CORE/perly.h
```

```
-----  
/* A Bison parser, made by GNU Bison 3.6.4. */
```

```
/* Bison interface for Yacc-like parsers in C
```

```
Copyright (C) 1984, 1989-1990, 2000-2015, 2018-2020 Free Software  
Foundation,  
Inc.
```

```
This program is free software: you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation, either version 3 of the License, or  
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.
```

## Third-Party Notices

---

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.  
\*/

/\* As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute that work under terms of your choice, so long as that work isn't itself a parser generator using the skeleton or a modified version thereof as a parser skeleton. Alternatively, if you modify or redistribute the parser skeleton itself, you may (at your option) remove this special exception, which will cause the skeleton and the resulting Bison output files to be licensed under the GNU General Public License without this special exception.

This special exception was added by the Free Software Foundation in version 2.2 of Bison. \*/

/\* DO NOT RELY ON FEATURES THAT ARE NOT DOCUMENTED in the manual, especially those whose name start with YY\_ or yy\_. They are private implementation details that can be changed or removed. \*/

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/ebcdic\_tables.h

-----  
/\* This file contains definitions for various tables used in EBCDIC handling.

\* More info is in utfebcdic.h

\*

\* Some of the tables are adapted from

\* <https://bjoern.hoehrmann.de/utf-8/decoder/dfa/>

\* which requires this copyright notice:

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

---

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*/

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/parser.h

-----

\* Copyright (c) 2006, 2007, 2009, 2010, 2011 Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/intrpvar.h

-----

\* Copyright (C) 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005,  
\* 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/patchlevel.h

-----

\* Copyright (C) 1993, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002,  
\* 2003, 2004, 2005, 2006, 2007, 2008, 2009, by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/hv.h

-----

\* Copyright (C) 1991, 1992, 1993, 1996, 1997, 1998, 1999,  
\* 2000, 2001, 2002, 2003, 2005, 2006, 2007, 2008, by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/utf8.h

-----

\* Copyright (C) 2000, 2001, 2002, 2005, 2006, 2007, 2009,  
\* 2010, 2011 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/cv.h

-----

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1999, 2000,  
2001,  
\* 2002, 2003, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/regcharclass.h

-----

\* Copyright (C) 2007, 2011 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/proto.h

-----

\* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/handy.h

-----

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1999, 2000,  
\* 2001, 2002, 2004, 2005, 2006, 2007, 2008, 2012 by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/embedvar.h

-----

\* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/perlapi.h

-----

\* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall and  
others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/op\_reg\_common.h

-----

\* Copyright (C) 2010, 2011 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/perlvars.h

-----

\* Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007,  
\* by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/keywords.h

-----

\* Copyright (C) 1994, 1995, 1996, 1997, 1999, 2000, 2001, 2002, 2005,  
\* 2006, 2007 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/cop.h

-----

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
2000,  
\* 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall  
and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/scope.h

-----

\* Copyright (C) 1993, 1994, 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2004, 2005, 2006, 2007, 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/sv.h

-----

---

\* Copyright (C) 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
2000,  
\* 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 by Larry Wall  
and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/overload.h

-----

\* Copyright (C) 1997, 1998, 2000, 2001, 2005, 2006, 2007, 2011  
\* by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/mydtrace.h

-----

\* Copyright (C) 2008, 2010, 2011 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/opcode.h

-----

\* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001,  
\* 2002, 2003, 2004, 2005, 2006, 2007 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/perlio.h

-----

\* Copyright (C) 1996, 1997, 1999, 2000, 2001, 2002, 2003,  
\* 2004, 2005, 2006, 2007, by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/inline.h

-----

\* Copyright (C) 2012 by Larry Wall and others

\*

\* You may distribute under the terms of either the GNU General Public  
\* License or the Artistic License, as specified in the README file.

\*

\* This file contains tables and code adapted from

\* <https://bjoern.hoehrmann.de/utf-8/decoder/dfa/>, which requires this  
\* copyright notice:

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the "Software"), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies  
of the Software, and to permit persons to whom the Software is furnished  
to do  
so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all

## Third-Party Notices

---

copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/unixish.h

-----  
\* Copyright (C) 1993, 1994, 1995, 1996, 1997, 1999, 2000, 2001, 2002,  
\* 2003, 2006, 2007, by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/CORE/opnames.h

-----  
\* Copyright (C) 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007,  
\* 2008 by Larry Wall and others

perl/lib/5.38.0/x86\_64-linux-thread-multi/Unicode/Collate/Locale.pm

-----  
This module is Copyright(C) 2004-2020, SADAHIRO Tomoyuki. Japan.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Unicode/Normalize.pm

-----  
Copyright(C) 2001-2012, SADAHIRO Tomoyuki. Japan. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Unicode/Collate.pm

-----  
The Unicode::Collate module for perl was written by SADAHIRO Tomoyuki, <SADAHIRO@cpan.org>. This module is Copyright(C) 2001-2021, SADAHIRO Tomoyuki. Japan. All rights reserved.

This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

The file Unicode/Collate/allkeys.txt was copied verbatim from L<<http://www.unicode.org/Public/UCA/13.0.0/allkeys.txt>>. For this file, Copyright (c) 2020 Unicode, Inc.; distributed under the Terms of Use in L<[http://www.unicode.org/terms\\_of\\_use.html](http://www.unicode.org/terms_of_use.html)>

perl/lib/5.38.0/x86\_64-linux-thread-multi/List/Util.pm

-----  
# Copyright (c) 1997-2009 Graham Barr <gbarr@pobox.com>. All rights reserved.

---

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/List/Util/XS.pm

-----

Copyright (c) 2008 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/B/Concise.pm

-----

# Copyright (C) 2000-2003 Stephen McCamant. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Digest/MD5.pm

-----

Copyright 1998-2003 Gisle Aas.

Copyright 1995-1996 Neil Winton.

Copyright 1991-1992 RSA Data Security, Inc.

Copyright (C) 1991-2, RSA Data Security, Inc. Created 1991. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Digest/SHA.pm

-----

Copyright (C) 2003-2023 Mark Shelor, All Rights Reserved

perl/lib/5.38.0/x86\_64-linux-thread-multi/Storable.pm

-----

# Copyright (c) 1995-2001, Raphael Manfredi

# Copyright (c) 2002-2014 by the Perl 5 Porters

# Copyright (c) 2015-2016 cPanel Inc

# Copyright (c) 2017 Reini Urban

perl/lib/5.38.0/x86\_64-linux-thread-multi/Compress/Raw/Bzip2.pm

-----

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Compress/Raw/Zlib.pm

-----

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Devel/PPPort.pm

-----

# Version 3.x, Copyright (C) 2004-2013, Marcus Holland-Moritz.

# Copyright (C) 2018, The perl5 porters

# Version 2.x, Copyright (C) 2001, Paul Marquess.

# Version 1.x, Copyright (C) 1999, Kenneth Albanowski.

Version 3.x, Copyright (C) 2004-2013, Marcus Holland-Moritz.

Copyright (C) 2018-2020, The perl5 porters

Version 2.x, Copyright (C) 2001, Paul Marquess.

Version 1.x, Copyright (C) 1999, Kenneth Albanowski.

## Third-Party Notices

---

perl/lib/5.38.0/x86\_64-linux-thread-multi/Devel/Peek.pm

-----

Copyright (c) 1995-98 Ilya Zakharevich. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Poll.pm

-----

# Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Select.pm

-----

# Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Pipe.pm

-----

# Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Socket.pm

-----

# Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

The atmark() implementation: Copyright 2001, Lincoln Stein

<lstein@cshl.org>.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Socket/UNIX.pm

-----

# Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Socket/INET.pm

-----

# Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1996-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/IO/Dir.pm

-----

# Copyright (c) 1997-8 Graham Barr <gbarr@pobox.com>. All rights reserved.

Copyright (c) 1997-2003 Graham Barr <gbarr@pobox.com>. All rights

reserved.

perl/lib/5.38.0/x86\_64-linux-thread-multi/B.pm

-----

# Copyright (c) 1996, 1997, 1998 Malcolm Beattie

---

perl/lib/5.38.0/x86\_64-linux-thread-multi/Hash/Util.pm

-----

hv\_store() is from Array::RefElem, Copyright 2000 Gisle Aas.

perl/lib/5.38.0/x86\_64-linux-thread-multi/Hash/Util/FieldHash.pm

-----

Copyright (C) 2006-2007 by (Anno Siegel)

perl/lib/5.38.0/Digest.pm

-----

Copyright 1998-2006 Gisle Aas.

Copyright 1995,1996 Neil Winton.

perl/lib/5.38.0/App/Cpan.pm

-----

Copyright (c) 2001-2021, brian d foy, All Rights Reserved.

perl/lib/5.38.0/encoding/warnings.pm

-----

Copyright 2004, 2005, 2006, 2007 by Audrey Tang

E<lt>cpan@audreyt.orgE<gt>.

perl/lib/5.38.0/SelfLoader.pm

-----

Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
2000, 2001, 2002, 2003, 2004, 2005, 2006 by Larry Wall and others

perl/lib/5.38.0/Text/Wrap.pm

-----

Copyright (C) 1996-2009 David Muir Sharnoff.

Copyright (C) 2012-2013 Google, Inc.

perl/lib/5.38.0/Text/Balanced.pm

-----

# Copyright (C) 1997-2001 Damian Conway. All rights reserved.

# Copyright (C) 2009 Adam Kennedy.

# Copyright (C) 2015 Steve Hay. All rights reserved.

Copyright (C) 1997-2001 Damian Conway. All rights reserved.

Copyright (C) 2009 Adam Kennedy.

Copyright (C) 2015, 2020 Steve Hay. All rights reserved.

perl/lib/5.38.0/Text/Tabs.pm

-----

Copyright (C) 1996-2002,2005,2006 David Muir Sharnoff.

Copyright (C) 2005 Aristotle Pagaltzis

Copyright (C) 2012-2013 Google, Inc.

## Third-Party Notices

---

perl/lib/5.38.0/Time/Local.pm

-----

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.

perl/lib/5.38.0/constant.pm

-----

Copyright (C) 1997, 1999 Tom Phoenix

perl/lib/5.38.0/Encode/README.e2x

-----

Copyright (C) 2002 Your Name <your@address.domain>

perl/lib/5.38.0/overload/numbers.pm

-----

# Copyright (C) 2008 by Larry Wall and others

perl/lib/5.38.0/Filter/Simple.pm

-----

Copyright (c) 2000-2014, Damian Conway. All Rights Reserved.

perl/lib/5.38.0/Term/Cap.pm

-----

Copyright 1995-2015 (c) perl5 porters.

perl/lib/5.38.0/Term/ANSIColor.pm

-----

Copyright 1996-1998, 2000-2002, 2005-2006, 2008-2018, 2020 Russ Allbery

Copyright 1996 Zenin

Copyright 2012 Kurt Starsinic <kstarsinic@gmail.com>

perl/lib/5.38.0/File/Copy.pm

-----

# Additions copyright 1996 by Charles Bailey. Permission is granted

perl/lib/5.38.0/File/Path.pm

-----

This module is copyright (C) Charles Bailey, Tim Bunce, David Landgren,

perl/lib/5.38.0/File/Temp.pm

-----

This software is copyright (c) 2020 by Tim Jenness and the UK Particle Physics and Astronomy Research Council.

perl/lib/5.38.0/File/GlobMapper.pm

-----

---

Copyright (c) 2005 Paul Marquess. All rights reserved.

perl/lib/5.38.0/Test2.pm

-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Parse/CPAN/Meta.pm

-----  
This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/XSLoader.pm

-----  
Copyright (C) 1990-2011 by Larry Wall and others.

perl/lib/5.38.0/I18N/LangTags/Detect.pm

-----  
Copyright (c) 1998-2004 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/I18N/LangTags/List.pm

-----  
Copyright (c) 2001+ Sean M. Burke. All rights reserved.

perl/lib/5.38.0/I18N/LangTags.pm

-----  
Copyright (c) 1998+ Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Module/Metadata.pm

-----  
Original code Copyright (c) 2001-2011 Ken Williams.  
Additional code Copyright (c) 2010-2011 Matt Trout and David Golden.

perl/lib/5.38.0/Module/CoreList.pod

-----  
Copyright (C) 2002-2009 Richard Clamp. All Rights Reserved.

perl/lib/5.38.0/Module/CoreList/Utils.pm

-----  
Copyright (C) 2013 Chris Williams. All Rights Reserved.

perl/lib/5.38.0/Tie/File.pm

-----  
C<Tie::File> version 0.96 is copyright (C) 2003 Mark Jason Dominus.

perl/lib/5.38.0/Tie/RefHash.pm

## Third-Party Notices

---

-----  
This software is copyright (c) 2006 by øøøø øøø'øø (Yuval Kogman)  
<nothingmuch@woobling.org>.

perl/lib/5.38.0/JSON/PP.pm

-----  
Copyright 2007-2016 by Makamaka Hannyaharamitu

perl/lib/5.38.0/deprecate.pm

-----  
Copyright (C) 2009, 2011

perl/lib/5.38.0/Carp.pm

-----  
Copyright (C) 1994-2013 Larry Wall  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

perl/lib/5.38.0/Unicode/Collate/allkeys.txt

-----  
# Copyright 2020 Unicode, Inc.

perl/lib/5.38.0/NEXT.pm

-----  
Copyright (c) 2000-2001, Damian Conway. All Rights Reserved.

perl/lib/5.38.0/Net/POP3.pm

-----  
# Copyright (C) 1995-2004 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-2004 Graham Barr. All rights reserved.  
Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.

perl/lib/5.38.0/Net/Domain.pm

-----  
# Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.

perl/lib/5.38.0/Net/Time.pm

-----  
# Copyright (C) 1995-2004 Graham Barr. All rights reserved.  
# Copyright (C) 2014, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-2004 Graham Barr. All rights reserved.  
Copyright (C) 2014, 2020 Steve Hay. All rights reserved.

perl/lib/5.38.0/Net/FTP.pm

```
-----  
# Copyright (C) 1995-2004 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2017, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-2004 Graham Barr. All rights reserved.  
Copyright (C) 2013-2017, 2020 Steve Hay. All rights reserved.
```

perl/lib/5.38.0/Net/Config.pm

```
-----  
# Copyright (C) 2000 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2014, 2016, 2020 Steve Hay. All rights reserved.  
Copyright (C) 2000 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2016, 2020 Steve Hay. All rights reserved.
```

perl/lib/5.38.0/Net/Cmd.pm

```
-----  
# Copyright (C) 1995-2006 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-2006 Graham Barr. All rights reserved.  
Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.
```

perl/lib/5.38.0/Net/Ping.pm

```
-----  
Copyright (c) 2017-2020, Reini Urban. All rights reserved.  
Copyright (c) 2016, cPanel Inc. All rights reserved.  
Copyright (c) 2012, Steve Peters. All rights reserved.  
Copyright (c) 2002-2003, Rob Brown. All rights reserved.  
Copyright (c) 2001, Colin McMillen. All rights reserved.
```

perl/lib/5.38.0/Net/Netrc.pm

```
-----  
# Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-1998 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.
```

perl/lib/5.38.0/Net/FTP/dataconn.pm

```
-----  
Copyright (C) 1997-2010 Graham Barr. All rights reserved.  
Copyright (C) 2013-2014, 2020 Steve Hay. All rights reserved.
```

perl/lib/5.38.0/Net/NNTP.pm

```
-----  
# Copyright (C) 1995-1997 Graham Barr. All rights reserved.  
# Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.  
Copyright (C) 1995-1997 Graham Barr. All rights reserved.  
Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.
```

perl/lib/5.38.0/Net/SMTP.pm

## Third-Party Notices

---

```
# Copyright (C) 1995-2004 Graham Barr. All rights reserved.
# Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.
Copyright (C) 1995-2004 Graham Barr. All rights reserved.
Copyright (C) 2013-2016, 2020 Steve Hay. All rights reserved.
```

```
perl/lib/5.38.0/Net/libnetFAQ.pod
```

```
-----
```

```
Copyright (C) 1997-1998 Graham Barr. All rights reserved.
```

```
perl/lib/5.38.0/AutoSplit.pm
```

```
-----
```

```
This package has the same copyright and license as the perl core:
```

```
    Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999,
    2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008
    by Larry Wall and others
```

```
perl/lib/5.38.0/if.pm
```

```
-----
```

```
This software is copyright (c) 2002 by Ilya Zakharevich.
```

```
perl/lib/5.38.0/FindBin.pm
```

```
-----
```

```
# Copyright (c) 1995 Graham Barr & Nick Ing-Simmons. All rights reserved.
Copyright (c) 1995 Graham Barr & Nick Ing-Simmons. All rights reserved.
```

```
perl/lib/5.38.0/ExtUtils/MakeMaker/Locale.pm
```

```
-----
```

```
Copyright 2010 Gisle Aas <gisle@aas.no>.
```

```
perl/lib/5.38.0/ExtUtils/Typemaps/Type.pm
```

```
-----
```

```
Copyright 2009, 2010, 2011, 2012 Steffen Mueller
```

```
perl/lib/5.38.0/ExtUtils/Typemaps/Cmd.pm
```

```
-----
```

```
Copyright 2012 Steffen Mueller
```

```
perl/lib/5.38.0/ExtUtils/Typemaps/OutputMap.pm
```

```
-----
```

```
Copyright 2009, 2010, 2011, 2012 Steffen Mueller
```

```
perl/lib/5.38.0/ExtUtils/Typemaps/InputMap.pm
```

```
-----
```

```
Copyright 2009, 2010, 2011, 2012 Steffen Mueller
```

---

perl/lib/5.38.0/ExtUtils/Manifest.pm

-----

This software is copyright (c) 1996- by Andreas Koenig.

perl/lib/5.38.0/ExtUtils/CBuilder.pm

-----

Copyright (c) 2003-2005 Ken Williams. All rights reserved.

perl/lib/5.38.0/ExtUtils/PL2Bat.pm

-----

This software is copyright (c) 2015 by Leon Timmermans.

perl/lib/5.38.0/ExtUtils/ParseXS.pod

-----

Copyright 2002-2014 by Ken Williams, David Golden and other contributors.  
All  
rights reserved.

perl/lib/5.38.0/ExtUtils/Miniperl.pm

-----

\* Copyright (C) 1994, 1995, 1996, 1997, 1999, 2000, 2001, 2002, 2003,  
\* 2004, 2005, 2006, 2007, 2016 by Larry Wall and others

perl/lib/5.38.0/ExtUtils/Typemaps.pm

-----

Copyright 2009, 2010, 2011, 2012, 2013 Steffen Mueller

perl/lib/5.38.0/Memoize.pm

-----

# Copyright 1998, 1999, 2000, 2001, 2012 M. J. Dominus.  
Copyright 1998, 1999, 2000, 2001, 2012 by Mark Jason Dominus

perl/lib/5.38.0/pod/perlthrtut.pod

-----

The original version of this article originally appeared in The Perl  
Journal #10, and is copyright 1998 The Perl Journal. It appears courtesy  
of Jon Orwant and The Perl Journal. This document may be distributed  
under the same terms as Perl itself.

perl/lib/5.38.0/pod/perlreapi.pod

-----

Copyright 2006 Yves Orton and 2007 E<AElig>var ArnfjE<ouml>rE<eth>  
Bjarmason.

perl/lib/5.38.0/pod/perlfilter.pod

-----

Journal #11, and is copyright 1998 The Perl Journal. It appears

perl/lib/5.38.0/pod/perlfaq5.pod

-----

Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and other authors as noted. All rights reserved.

perl/lib/5.38.0/pod/perlperf.pod

-----

Richard Foley <richard.foley@rfi.net> Copyright (c) 2008

perl/lib/5.38.0/pod/perlfaq8.pod

-----

Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and other authors as noted. All rights reserved.

perl/lib/5.38.0/pod/perlfaq6.pod

-----

Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and other authors as noted. All rights reserved.

perl/lib/5.38.0/pod/perlrequick.pod

-----

Copyright (c) 2000 Mark Kvale

perl/lib/5.38.0/pod/perldebtut.pod

-----

Richard Foley <richard.foley@rfi.net> Copyright (c) 2000

perl/lib/5.38.0/pod/perlfaq4.pod

-----

Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and

perl/lib/5.38.0/pod/perlretut.pod

-----

Copyright (c) 2000 Mark Kvale.

perl/lib/5.38.0/pod/perlfaq2.pod

-----

Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and

perl/lib/5.38.0/pod/perlfaq7.pod

-----

Copyright (c) 1997-2013 Tom Christiansen, Nathan Torkington, and

perl/lib/5.38.0/pod/perlreftut.pod

-----  
Copyright 1998 The Perl Journal.

perl/lib/5.38.0/pod/perlfaq9.pod

-----  
Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and

perl/lib/5.38.0/pod/perlmodinstall.pod

-----  
Copyright (C) 1998, 2002, 2003 Jon Orwant. All Rights Reserved.

perl/lib/5.38.0/pod/perlembed.pod

-----  
Copyright (C) 1995, 1996, 1997, 1998 Doug MacEachern and Jon Orwant. All

perl/lib/5.38.0/pod/perlpodstyle.pod

-----  
Copyright 1999, 2000, 2001, 2004, 2006, 2008, 2010, 2015, 2018 Russ  
Allbery <rra@cpan.org>

perl/lib/5.38.0/pod/perlfaq3.pod

-----  
Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and

perl/lib/5.38.0/pod/perlfaq1.pod

-----  
Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and

perl/lib/5.38.0/pod/perlunicook.pod

-----  
Copyright © 2012 Tom Christiansen.

perl/lib/5.38.0/pod/perlopentut.pod

-----  
Copyright 2013 Tom Christiansen; now maintained by Perl5 Porters

perl/lib/5.38.0/pod/perlglossary.pod

-----  
Copyright (c) 2000, 1996, 1991, 2012 O'Reilly Media, Inc.

perl/lib/5.38.0/pod/perlexperiment.pod

-----  
Copyright 2010, brian d foy C<< <brian.d.foy@gmail.com> >>

perl/lib/5.38.0/pod/perluniintro.pod

## Third-Party Notices

---

-----  
Copyright 2001-2011 Jarkko Hietaniemi E<lt>jhi@iki.fiE<gt>.

perl/lib/5.38.0/pod/perlglpl.pod

-----  
Copyright (C) 1989 Free Software Foundation, Inc.

perl/lib/5.38.0/B/Op\_private.pm

-----  
# Copyright (C) 2014 by Larry Wall and others

perl/lib/5.38.0/B/Deparse.pm

-----  
# Copyright (c) 1998-2000, 2002, 2003, 2004, 2005, 2006 Stephen McCamant.

perl/lib/5.38.0/Getopt/Long.pm

-----  
This program is Copyright 1990,2015 by Johan Vromans.

perl/lib/5.38.0/HTTP/Tiny.pm

-----  
This software is copyright (c) 2021 by Christian Hansen.  
his software is copyright (c) 2023 by Christian Hansen.

perl/lib/5.38.0/Perl/OSType.pm

-----  
This software is copyright (c) 2016 by David Golden.

perl/lib/5.38.0/AutoLoader.pm

-----  
Copyright (C) 1993, 1994, 1995, 1996, 1997, 1998, 1999,  
2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009,  
2011, 2012, 2013  
by Larry Wall and others

perl/lib/5.38.0/experimental.pm

-----  
This software is copyright (c) 2013 by Leon Timmermans.

perl/lib/5.38.0/Locale/Maketext.pod

-----  
Copyright (c) 1999-2004 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Locale/Maketext/Simple.pm

---

Copyright 2003, 2004, 2005, 2006 by Audrey Tang  
E<lt>cpan@audreyt.orgE<gt>.

This software is released under the MIT license cited below.  
Additionally,  
when this software is distributed with B<Perl Kit, Version 5>, you may  
also  
redistribute it and/or modify it under the same terms as Perl itself.

perl/lib/5.38.0/Test.pm

-----  
Copyright (c) 1998-2000 Joshua Nathaniel Pritikin.  
Copyright (c) 2001-2002 Michael G. Schwern.  
Copyright (c) 2002-2004 Sean M. Burke.

perl/lib/5.38.0/TAP/Parser/YAMLish/Writer.pm

-----  
Copyright 2007-2011 Andy Armstrong.

perl/lib/5.38.0/TAP/Parser/YAMLish/Reader.pm

-----  
Copyright 2007-2011 Andy Armstrong.  
Portions copyright 2006-2008 Adam Kennedy.

perl/lib/5.38.0/TAP/Parser.pm

-----  
Copyright 2006-2008 Curtis ""Ovid"" Poe, all rights reserved.

perl/lib/5.38.0/PerlIO/via/QuotedPrint.pm

-----  
# Copyright (C) 2002-2004, 2012 Elizabeth Mattijsen. All rights reserved.  
# Copyright (C) 2015 Steve Hay. All rights reserved.  
Copyright (C) 2002-2004, 2012 Elizabeth Mattijsen. All rights reserved.  
Copyright (C) 2015, 2020 Steve Hay. All rights reserved.

perl/lib/5.38.0/autodie/exception.pm

-----  
Copyright (C)2008 Paul Fenwick

perl/lib/5.38.0/autodie/hints.pm

-----  
Copyright 2009, Paul Fenwick E<lt>pjf@perltraining.com.auE<gt>

perl/lib/5.38.0/autodie/skip.pm

-----  
Copyright 2013, Paul Fenwick <pjf@cpan.org>

## Third-Party Notices

---

perl/lib/5.38.0/autodie/Util.pm

-----

Copyright 2013-2014, Niels Thykier E<lt>niels@thykier.netE<gt>

perl/lib/5.38.0/autodie/Scope/Guard.pm

-----

Copyright 2008-2009, Paul Fenwick E<lt>pjff@perltraining.com.auE<gt>

perl/lib/5.38.0/autodie/Scope/GuardStack.pm

-----

Copyright 2013, Niels Thykier E<lt>niels@thykier.netE<gt>

perl/lib/5.38.0/autodie/exception/system.pm

-----

Copyright (C)2008 Paul Fenwick

perl/lib/5.38.0/autodie.pm

-----

Copyright 2008-2009, Paul Fenwick E<lt>pjff@perltraining.com.auE<gt>

perl/lib/5.38.0/Compress/Zlib.pm

-----

Copyright (c) 1995-2022 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Zlib.pm

-----

# Copyright (c) 1998-2004 Tom Hughes <tom@compton.nu>.

Copyright (c) 1998-2004 Tom Hughes E<lt>F<tom@compton.nu>E<gt>.

perl/lib/5.38.0/IO/Uncompress/AnyUncompress.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Uncompress/Inflate.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Uncompress/AnyInflate.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Uncompress/RawInflate.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

---

perl/lib/5.38.0/IO/Uncompress/Unzip.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Uncompress/Base.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Uncompress/Gunzip.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Uncompress/Bunzip2.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Compress/Bzip2.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Compress/RawDeflate.pm

-----

Copyright (c) 2005-20223

perl/lib/5.38.0/IO/Compress/FAQ.pod

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Compress/Zip.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Compress/Base.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Compress/Gzip.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/IO/Compress/Deflate.pm

-----

Copyright (c) 2005-2023 Paul Marquess. All rights reserved.

perl/lib/5.38.0/Attribute/Handlers.pm

-----

## Third-Party Notices

---

Copyright (c) 2001-2014, Damian Conway. All Rights Reserved.

perl/lib/5.38.0/Test/Simple.pm

-----  
Copyright 2001-2008 by Michael G Schwern E<lt>schwern@pobox.comE<gt>.

perl/lib/5.38.0/Test/Builder/ToDoDiag.pm

-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test/Builder/Formatter.pm

-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test/Builder/Tester/Color.pm

-----  
Copyright Mark Fowler E<lt>mark@twoshortplanks.comE<gt> 2002.

perl/lib/5.38.0/Test/Builder/IO/Scalar.pm

-----  
Copyright (c) 1996 by Eryq. All rights reserved.  
Copyright (c) 1999,2001 by ZeeGee Software Inc. All rights reserved.

perl/lib/5.38.0/Test/Builder/Tester.pm

-----  
Copyright Mark Fowler E<lt>mark@twoshortplanks.comE<gt> 2002, 2004.

Some code taken from L<Test::More> and L<Test::Catch>, written by Michael G Schwern E<lt>schwern@pobox.comE<gt>. Hence, those parts Copyright Micheal G Schwern 2001. Used and distributed with permission.

perl/lib/5.38.0/Test/Tutorial.pod

-----  
Copyright 2001 by Michael G Schwern E<lt>schwern@pobox.comE<gt>.

perl/lib/5.38.0/Test/Harness.pm

-----  
Copyright (c) 2007-2011, Andy Armstrong C<< <andy@hexten.net> >>. All rights reserved.

perl/lib/5.38.0/Test/More.pm

-----  
Copyright 2001-2008 by Michael G Schwern E<lt>schwern@pobox.comE<gt>.

perl/lib/5.38.0/Test/Tester/CaptureRunner.pm

-----  
Copyright 2003 by Fergal Daly <fergal@esatclear.ie>.

perl/lib/5.38.0/Test/Builder.pm

-----  
Copyright 2002-2008 by chromatic E<lt>chromatic@wgz.orgE<gt> and

perl/lib/5.38.0/Test/use/ok.pm

-----  
To the extent possible under law, ø has waived all copyright and related

perl/lib/5.38.0/Test/Tester.pm

-----  
This module is copyright 2005 Fergal Daly <fergal@esatclear.ie>, some parts

perl/lib/5.38.0/parent.pm

-----  
Copyright (c) 2007-2017 Max Maischein C<< <corion@cpan.org> >>

perl/lib/5.38.0/Archive/Tar.pm

-----  
This module is copyright (c) 2002 - 2009 Jos Boumans

perl/lib/5.38.0/Config/Perl/V.pm

-----  
Copyright (C) 2009-2023 H.Merijn Brand

perl/lib/5.38.0/Pod/ParseLink.pm

-----  
Copyright 2001, 2008, 2009, 2014, 2018-2019 Russ Allbery <rra@cpan.org>

perl/lib/5.38.0/Pod/Simple/SimpleTree.pm

-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/Methody.pm

-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/PullParserTextToken.pm

-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/XHTML.pm

## Third-Party Notices

---

-----  
Copyright (c) 2003-2005 Allison Randal.

perl/lib/5.38.0/Pod/Simple/Debug.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/XMLOutputStream.pm  
-----  
Copyright (c) 2002-2004 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/DumpAsText.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/LinkSection.pm  
-----  
Copyright (c) 2004 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/DumpAsXML.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/Text.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/TextContent.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/PullParserToken.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/JustPod.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/Checker.pm  
-----  
Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/Subclassing.pod  
-----

---

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/Search.pm

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/PullParser.pm

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/HTML.pm

-----

Copyright (c) 2002-2004 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/RTF.pm

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/PullParserEndToken.pm

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/PullParserStartToken.pm

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Simple/HTMLBatch.pm

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Text/Overstrike.pm

-----

Copyright 2000 by Joe Smith <Joe.Smith@inwap.com>

Copyright 2001, 2004, 2008, 2014, 2018-2019 by Russ Allbery <rra@cpan.org>

perl/lib/5.38.0/Pod/Text/Termcap.pm

-----

Copyright 1999, 2001-2002, 2004, 2006, 2008-2009, 2014-2015, 2018-2019

Russ

Allbery <rra@cpan.org>

perl/lib/5.38.0/Pod/Text/Color.pm

-----

Copyright 1999, 2001, 2004, 2006, 2008, 2009, 2018-2019 Russ Allbery

## Third-Party Notices

---

perl/lib/5.38.0/Pod/Text.pm

-----

Copyright 1999-2002, 2004, 2006, 2008-2009, 2012-2016, 2018-2019 Russ Allbery

perl/lib/5.38.0/Pod/Perldoc.pm

-----

Copyright (c) 2002-2007 Sean M. Burke.

perl/lib/5.38.0/Pod/Perldoc/BaseTo.pm

-----

Copyright (c) 2002-2007 Sean M. Burke.

perl/lib/5.38.0/Pod/Perldoc/ToANSI.pm

-----

Copyright (c) 2011 Mark Allen. All rights reserved.

perl/lib/5.38.0/Pod/Perldoc/ToMan.pm

-----

Copyright (c) 2011 brian d foy. All rights reserved.  
Copyright (c) 2002,3,4 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Pod/Perldoc/ToXml.pm

-----

Copyright (c) 2002 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Pod/Perldoc/ToChecker.pm

-----

Copyright (c) 2002 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Pod/Perldoc/ToTerm.pm

-----

Copyright (c) 2017 Mark Allen.

perl/lib/5.38.0/Pod/Perldoc/GetOptsOO.pm

-----

Copyright (c) 2002-2007 Sean M. Burke.

perl/lib/5.38.0/Pod/Perldoc/ToText.pm

-----

Copyright (c) 2002 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Pod/Perldoc/ToNroff.pm

-----

Copyright (c) 2002 Sean M. Burke. All rights reserved.

---

perl/lib/5.38.0/Pod/Perldoc/ToPod.pm

-----

Copyright (c) 2002 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Pod/Perldoc/ToRtf.pm

-----

Copyright (c) 2002 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/Pod/Checker.pm

-----

# Copyright (C) 1994-2000 by Bradford Appleton. All rights reserved.

perl/lib/5.38.0/Pod/Simple.pod

-----

Copyright (c) 2002 Sean M. Burke.

perl/lib/5.38.0/Pod/Man.pm

-----

Copyright 1999-2010, 2012-2019 Russ Allbery <rra@cpan.org>

perl/lib/5.38.0/Pod/Usage.pm

-----

# Copyright (c) 1996-2000 by Bradford Appleton. All rights reserved.

# Copyright (c) 2001-2016 by Marek Rouchal.

perl/lib/5.38.0/Pod/Escapes.pm

-----

Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

perl/lib/5.38.0/CPAN/Meta/Validator.pm

-----

# `_uri_split` taken from `URI::Split` by Gisle Aas, Copyright 2003

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta/Feature.pm

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta/YAML.pm

-----

This software is copyright (c) 2010 by Adam Kennedy.

perl/lib/5.38.0/CPAN/Meta/Spec.pm

## Third-Party Notices

---

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta/Prereqs.pm

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta/History.pm

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta/History/Meta\_1\_1.pod

-----

files, copyright by Ken Williams and licensed under the same terms as Perl author and/or copyright holder.

perl/lib/5.38.0/CPAN/Meta/History/Meta\_1\_4.pod

-----

files, copyright by Ken Williams and licensed under the same terms as Perl author and/or copyright holder.

perl/lib/5.38.0/CPAN/Meta/History/Meta\_1\_3.pod

-----

files, copyright by Ken Williams and licensed under the same terms as Perl author and/or copyright holder.

perl/lib/5.38.0/CPAN/Meta/History/Meta\_1\_2.pod

-----

files, copyright by Ken Williams and licensed under the same terms as Perl author and/or copyright holder.

perl/lib/5.38.0/CPAN/Meta/History/Meta\_1\_0.pod

-----

files, copyright by Ken Williams and licensed under the same terms as Perl author and/or copyright holder.

perl/lib/5.38.0/CPAN/Meta/Requirements.pm

-----

This software is copyright (c) 2010 by David Golden and Ricardo Signes.

perl/lib/5.38.0/CPAN/Meta/Merge.pm

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta/Converter.pm

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/CPAN/Meta.pm

-----

This software is copyright (c) 2010 by David Golden, Ricardo Signes, Adam Kennedy and Contributors.

perl/lib/5.38.0/Test2/IPC/Driver/Files.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/IPC/Driver.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/About.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Assert.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Parent.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Error.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Plan.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Trace.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Amnesty.pm

-----

## Third-Party Notices

---

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Info/Table.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Control.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Render.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Info.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Meta.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet/Hub.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Formatter.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Formatter/TAP.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Hub/Interceptor.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Hub/Interceptor/Terminator.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Hub/Subtest.pm

-----

Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

---

perl/lib/5.38.0/Test2/IPC.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Encoding.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Exception.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Diag.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Skip.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Plan.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Waiting.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Pass.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Fail.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Bail.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Subtest.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/TAP/Version.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Ok.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Generic.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/V2.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event/Note.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Tools/Tiny.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Event.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/EventFacet.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Util.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/InterceptResult/Squasher.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

---

perl/lib/5.38.0/Test2/API/InterceptResult/Event.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/InterceptResult/Hub.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/Breakage.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/InterceptResult.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/Instance.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/Stack.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/API/Context.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Util/ExternalMeta.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Util/Trace.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Util/Facets2Legacy.pm  
-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Util/HashBase.pm  
-----  
Copyright 2017 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Hub.pm

## Third-Party Notices

---

-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

perl/lib/5.38.0/Test2/Transition.pod

-----  
Copyright 2020 Chad Granum E<lt>exodist@cpan.orgE<gt>.

===== files specific to windows

perl/site/lib/Tie/Registry.pm

-----  
Copyright 1999 Tye McQueen.

perl/site/lib/ExtUtils/InstallPaths.pm

-----  
This software is copyright (c) 2011 by Ken Williams, Leon Timmermans.

perl/site/lib/ExtUtils/Config.pm

-----  
This software is copyright (c) 2006 by Ken Williams, Leon Timmermans.

perl/site/lib/Win32/OLE/NEWS.pod

-----  
The article is Copyright 1998 by I<The Perl

perl/site/lib/Win32/OLE/TPJ.pod

-----  
Copyright 1998 I<The Perl Journal>. <http://www.tpj.com>

perl/site/lib/Win32/TieRegistry.pm

-----  
Copyright 1999 - 2006 Tye McQueen.  
Some parts copyright 2007 - 2009 Adam Kennedy.

perl/site/lib/Win32/Job.pm

-----  
Copyright (c) 2002, ActiveState Corporation. All Rights Reserved.

perl/site/lib/Win32/OLE.pm

-----  
Other modifications Copyright (c) 1997-2006 by Gurusamy Sarathy

perl/site/lib/Win32/Pipe.pm

-----  
# | Copyright (c) 1996 Dave Roth. All rights reserved. |

Copyright (c) 1996 Dave Roth. All rights reserved.

perl/site/lib/IO/HTML.pm

-----

# Copyright 2020 Christopher J. Madsen  
This software is copyright (c) 2020 by Christopher J. Madsen.

perl/site/lib/Test/Needs.pm

-----

Copyright (c) 2016 the Test::Needs L</AUTHORS> and L</CONTRIBUTORS>

perl/site/lib/Test/Fatal.pm

-----

This software is copyright (c) 2010 by Ricardo Signes.

perl/site/lib/Test/RequiresInternet.pm

-----

This software is copyright (c) 2014 by Mark Allen.

Perl//dist/ExtUtils-CBuilder/LICENSE

-----

This software is copyright (c) 2020 by Ken Williams.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

Terms of the Perl programming language system itself

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License""

Perl/cpan/experimental/lib/stable.pm

-----

This software is copyright (c) 2013 by Leon Timmermans."  
The Prometheus Authors,Prometheus Python  
Client,0.14.1,"url=https://github.com/prometheus/client\_python/blob/v0.14.1/LICENSE

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

~~~~~

4th party dependencies:

twisted; License MIT;

url=https://github.com/twisted/twisted/blob/twisted-22.4.0/LICENSE

Copyright (c) 2001-2022

Allen Short

Amber Hawkie Brown

Andrew Bennetts

Andy Gayton

Antoine Pitrou

Apple Computer, Inc.

Ashwini Oruganti

Benjamin Bruheim

Bob Ippolito

Canonical Limited

## Third-Party Notices

---

Christopher Armstrong  
Ciena Corporation  
David Reid  
Divmod Inc.  
Donovan Preston  
Eric Mangold  
Eyal Lotem  
Google Inc.  
Hybrid Logic Ltd.  
Hynek Schlawack  
Itamar Turner-Trauring  
James Knight  
Jason A. Mobarak  
Jean-Paul Calderone  
Jessica McKellar  
Jonathan D. Simms  
Jonathan Jacobs  
Jonathan Lange  
Julian Berman  
J,rgen Hermann  
Kevin Horn  
Kevin Turner  
Laurens Van Houtven  
Mary Gardiner  
Massachusetts Institute of Technology  
Matthew Lefkowitz  
Moshe Zadka  
Paul Swartz  
Pavel Pergamenshchik  
Rackspace, US Inc.  
Ralph Meijer  
Richard Wall  
Sean Riley  
Software Freedom Conservancy  
Tavendo GmbH  
Thijs Triemstra  
Thomas Grainger  
Thomas Herve  
Timothy Allen  
Tom Most  
Tom Prince  
Travis B. Hartwell

and others that have contributed code to the public domain.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

~~~~~4th party dependencies Done~~~~~

Prometheus Python Client

Copyright 2015 The Prometheus Authors

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or

## Third-Party Notices

---

Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
"Derivative Works" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
of  
"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

Entity  
"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

~~~~~

4th party dependencies:

twisted; License MIT;

url=<https://github.com/twisted/twisted/blob/twisted-22.4.0/LICENSE>

Copyright (c) 2001-2022

Allen Short

Amber Hawkie Brown

Andrew Bennetts

Andy Gayton

Antoine Pitrou

Apple Computer, Inc.

Ashwini Oruganti

Benjamin Bruheim

Bob Ippolito

Canonical Limited

Christopher Armstrong

Ciena Corporation

David Reid

Divmod Inc.

Donovan Preston

Eric Mangold

Eyal Lotem

Google Inc.

Hybrid Logic Ltd.

Hynek Schlawack

Itamar Turner-Trauring

James Knight

Jason A. Mobarak

Jean-Paul Calderone

Jessica McKellar

Jonathan D. Simms

Jonathan Jacobs

Jonathan Lange

Julian Berman

J,rgen Hermann

Kevin Horn

Kevin Turner

Laurens Van Houtven

Mary Gardiner

Massachusetts Institute of Technology

Matthew Lefkowitz

## Third-Party Notices

---

Moshe Zadka  
Paul Swartz  
Pavel Pergamenshchik  
Rackspace, US Inc.  
Ralph Meijer  
Richard Wall  
Sean Riley  
Software Freedom Conservancy  
Tavendo GmbH  
Thijs Triemstra  
Thomas Grainger  
Thomas Herve  
Timothy Allen  
Tom Most  
Tom Prince  
Travis B. Hartwell

and others that have contributed code to the public domain.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

~~~~~4th party dependencies Done~~~~~

Prometheus Python Client

Copyright 2015 The Prometheus Authors

-----  
NOTICE:  
-----

Prometheus instrumentation library for Python applications  
Copyright 2015 The Prometheus Authors

This product bundles decorator 4.0.10 which is available under a "2-clause BSD" license. For details, see prometheus\_client/decorator.py.  
-----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

## Third-Party Notices

---

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

~~~~~  
4th party dependencies:

---

twisted; License MIT;  
url=<https://github.com/twisted/twisted/blob/twisted-22.4.0/LICENSE>

Copyright (c) 2001-2022  
Allen Short  
Amber Hawkie Brown  
Andrew Bennetts  
Andy Gayton  
Antoine Pitrou  
Apple Computer, Inc.  
Ashwini Oruganti  
Benjamin Bruheim  
Bob Ippolito  
Canonical Limited  
Christopher Armstrong  
Ciena Corporation  
David Reid  
Divmod Inc.  
Donovan Preston  
Eric Mangold  
Eyal Lotem  
Google Inc.  
Hybrid Logic Ltd.  
Hynek Schlawack  
Itamar Turner-Trauring  
James Knight  
Jason A. Mobarak  
Jean-Paul Calderone  
Jessica McKellar  
Jonathan D. Simms  
Jonathan Jacobs  
Jonathan Lange  
Julian Berman  
J,rgen Hermann  
Kevin Horn  
Kevin Turner  
Laurens Van Houtven  
Mary Gardiner  
Massachusetts Institute of Technology  
Matthew Lefkowitz  
Moshe Zadka  
Paul Swartz  
Pavel Pergamenshchik  
Rackspace, US Inc.  
Ralph Meijer  
Richard Wall  
Sean Riley  
Software Freedom Conservancy  
Tavendo GmbH  
Thijs Triemstra  
Thomas Grainger  
Thomas Herve  
Timothy Allen  
Tom Most  
Tom Prince  
Travis B. Hartwell

## Third-Party Notices

---

and others that have contributed code to the public domain.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

~~~~~4th party dependencies Done~~~~~

"

**The Prometheus Authors,prometheus-common,0.45.0,"**

----- Top-Level License -----

-----

SPDX:Apache-2.0

----- Copyright -----

-----

Copyright (c) 2011, Open Knowledge Foundation Ltd.

Copyright 2013 The Prometheus Authors

Copyright 2014 The Prometheus Authors

Copyright 2015 The Prometheus Authors

Copyright 2016 The Prometheus Authors

Copyright 2017 The Prometheus Authors

Copyright 2018 The Prometheus Authors

Copyright 2019 The Prometheus Authors

Copyright 2020 The Prometheus Authors

Copyright 2020 The Prometheus-operator Authors

Copyright 2021 The Prometheus Authors

Copyright 2022 The Prometheus Authors

----- Notices -----

-----

Common libraries shared by Prometheus Go components.

Copyright 2015 The Prometheus Authors

This product includes software developed at

SoundCloud Ltd. (<http://soundcloud.com/>).

----- Fourth Party Dependencies -----

-----

```
----- Licenses -----
-----
- Apache-2.0
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----
-----

== Dependency
github.com/alecthomas/kingpin/v2

== License Type
SPDX:MIT

== Copyright
Copyright (C) 2014 Alec Thomas

----- (separator) -----
-----

== Dependency
github.com/alecthomas/units

== License Type
SPDX:MIT

== Copyright
Copyright (C) 2014 Alec Thomas

----- (separator) -----
-----

== Dependency
github.com/aws/aws-sdk-go

== License Type
SPDX:Apache-2.0

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright (c) 2016 Carl Jackson
Copyright 2013 The Go Authors. All rights reserved.
Copyright 2014-2015 Stripe, Inc.
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices
AWS SDK for Go
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2014-2015 Stripe, Inc.
```

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/go-kit/log

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Simon Eskildsen  
Copyright (c) 2021 Go kit  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/go-logfmt/logfmt

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 go-logfmt  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

---

github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/jpillora/backoff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Jaime Pillora

----- (separator) -----  
-----

== Dependency  
github.com/julienschmidt/httprouter

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2013, Julien Schmidt  
Copyright 2009 The Go Authors.  
Copyright 2013 Julien Schmidt. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

`github.com/mwitkow/go-contrack`

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Michal Witkowski. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
`github.com/prometheus/client_golang`

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright (c) 2015 Bjørn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

---

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common/assets](https://github.com/prometheus/common/assets)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at

## Third-Party Notices

---

SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

github.com/prometheus/common/sigv4

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2011, Open Knowledge Foundation Ltd.

Copyright 2013 The Prometheus Authors

Copyright 2014 The Prometheus Authors

Copyright 2015 The Prometheus Authors

Copyright 2016 The Prometheus Authors

Copyright 2017 The Prometheus Authors

Copyright 2018 The Prometheus Authors

Copyright 2019 The Prometheus Authors

Copyright 2020 The Prometheus Authors

Copyright 2020 The Prometheus-operator Authors

Copyright 2021 The Prometheus Authors

Copyright 2022 The Prometheus Authors

== Notices

Common libraries shared by Prometheus Go components.

Copyright 2015 The Prometheus Authors

This product includes software developed at

SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency

github.com/prometheus/procfs

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 Prometheus Team

Copyright 2014-2015 The Prometheus Authors

Copyright 2017 Prometheus Team

Copyright 2017 The Prometheus Authors

Copyright 2018 The Prometheus Authors

Copyright 2019 The Prometheus Authors

Copyright 2020 The Prometheus Authors

Copyright 2021 The Prometheus Authors

Copyright 2022 The Prometheus Authors

Copyright 2023 The Prometheus Authors

== Notices

---

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/xhit/go-str2duration/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive,

## Third-Party Notices

---

no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sys

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

---

Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

google.golang.org/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.""  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.""  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/yaml.v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2006 Kirill Simonov  
Copyright 2011-2016 Canonical Ltd.

== Notices  
Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the ""License"");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an ""AS IS"" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- Licenses -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or

bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes

of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including

but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf

of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated

in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf

of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that

## Third-Party Notices

---

You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF

ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

```
----- (separator) -----  
-----  
== SPDX:BSD-3-Clause
```

Redistribution and use in source and binary forms, with or without  
modification,  
are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its  
contributors  
may be used to endorse or promote products derived from this software  
without  
specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE FOR  
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES  
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES;  
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED  
AND ON  
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF  
THIS  
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE

SOFTWARE.

"

The Prometheus Authors, simpleclient, 0.16.0, "Copyright: prometheus  
License: Apache 2.0

./LICENSE

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

""Licensor"" shall mean the copyright owner or entity authorized by  
the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all  
other entities that control, are controlled by, or are under common  
control with that entity. For the purposes of this definition,  
""control"" means (i) the power, direct or indirect, to cause the  
direction or management of such entity, whether by contract or  
otherwise, or (ii) ownership of fifty percent (50%) or more of the  
outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity  
exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making  
modifications,  
including but not limited to software source code, documentation  
source, and configuration files.

""Object"" form shall mean any form resulting from mechanical  
transformation or translation of a Source form, including but  
not limited to compiled object code, generated documentation,  
and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or  
Object form, made available under the License, as indicated by a  
copyright notice that is included in or attached to the work  
(an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or  
Object  
form, that is based on (or derived from) the Work and for which the  
editorial revisions, annotations, elaborations, or other  
modifications

represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Separator -----

./NOTICE

Prometheus instrumentation library for JVM applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
Boxever Ltd. (<http://www.boxever.com/>).

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

This product includes software developed as part of the  
Ocelli project by Netflix Inc. (<https://github.com/Netflix/ocelli/>).

----- Separator -----

Dependency: io.prometheus:simpleclient\_tracer\_common  
Copyright: The Prometheus Authors  
License: Apache 2.0

./LICENSE

Apache 2.0

----- Separator -----

./NOTICE

(see top-level notice file for contents)

----- Separator -----

Dependency: io.prometheus:simpleclient\_tracer\_otel  
Copyright: The Prometheus Authors  
License: Apache 2.0

./LICENSE

Apache 2.0

----- Separator -----

./NOTICE

(see top-level notice file for contents)

----- Separator -----

Dependency: io.prometheus:simpleclient\_tracer\_otel\_agent  
Copyright: The Prometheus Authors  
License: Apache 2.0

./LICENSE

Apache 2.0

----- Separator -----

./NOTICE

(see top-level notice file for contents)

----- Separator -----

"

**The Prometheus Authors,simpleclient\_httpserver,0.16.0,"**

----- Top-level license -----

--

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

"Licensor" shall mean the copyright owner or entity authorized by  
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all  
other entities that control, are controlled by, or are under common  
control with that entity. For the purposes of this definition,  
"control" means (i) the power, direct or indirect, to cause the  
direction or management of such entity, whether by contract or  
otherwise, or (ii) ownership of fifty percent (50%) or more of the  
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity  
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making  
modifications,

including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Copyright notices -----  
--

Prometheus instrumentation library for JVM applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
Boxever Ltd. (<http://www.boxever.com/>).

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

This product includes software developed as part of the  
Ocelli project by Netflix Inc. (<https://github.com/Netflix/ocelli/>).

----- Fourth-party information -----  
--

== NAME OF DEPENDENCY 1  
io.prometheus:simpleclient\_common:  
io.prometheus:simpleclient:  
io.prometheus:simpleclient\_tracer\_otel:  
io.prometheus:simpleclient\_tracer\_otel\_agent:  
io.prometheus:simpleclient\_tracer\_common:  
== License  
Apache License Version 2.0  
== Copyright Notices  
Prometheus instrumentation library for JVM applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
Boxever Ltd. (<http://www.boxever.com/>).

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

## Third-Party Notices

---

This product includes software developed as part of the Ocelli project by Netflix Inc. (<https://github.com/Netflix/ocelli/>).

----- (separator) -----  
--"

**The Prometheus Authors, Prometheus, 0.43.0,"**

----- Top-Level License -----  
-----

SPDX:Apache-2.0

----- Copyright -----  
-----

Copyright (c) 2009 The Go Authors  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright (c) 2013, The GoGo Authors.  
Copyright (c) 2014 Ben Johnson  
Copyright (c) 2014 The strutil Authors. All rights reserved.  
Copyright (c) 2015,2016 Damian Gryski <damiangryski.com>  
Copyright (c) Microsoft Corporation and other contributors  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright 2011 The Snappy-Go Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2012 Matt York  
Copyright 2012 Suryandaru Triandana  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Google Inc.  
Copyright 2013 Matt T. Proud  
Copyright 2013 The Prometheus Authors  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2014 The Prometheus Authors  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Copyright 2015 The Prometheus Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

----- Notices -----  
-----

The Prometheus systems and service monitoring server  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<https://soundcloud.com/>).

The following components are included in this product:

Bootstrap

<https://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap3-typeahead.js

<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

fuzzy

<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

bootstrap-datetimepicker.js

<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

moment.js

<https://github.com/moment/moment/>  
Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw

<https://github.com/shutterstock/rickshaw>  
Copyright 2011-2014 by Shutterstock Images, LLC  
See <https://github.com/shutterstock/rickshaw/blob/master/LICENSE> for  
license details

mustache.js

<https://github.com/janl/mustache.js>  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Licensed under the MIT License

jQuery

<https://jquery.org>  
Copyright jQuery Foundation and other contributors  
Licensed under the MIT License

Protocol Buffers for Go with Gadgets

<https://github.com/gogo/protobuf/>  
Copyright (c) 2013, The GoGo Authors.  
See source code for license details.

Go support for leveled logs, analogous to

<https://code.google.com/p/google-glog/>  
Copyright 2013 Google Inc.

## Third-Party Notices

---

Licensed under the Apache License, Version 2.0

Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

Copyright 2013 Matt T. Proud

Licensed under the Apache License, Version 2.0

DNS library in Go

<https://miekg.nl/2014/august/16/go-dns-package/>

Copyright 2009 The Go Authors, 2011 Miek Gieben

See <https://github.com/miekg/dns/blob/master/LICENSE> for license details.

LevelDB key/value database in Go

<https://github.com/syndtr/goleveldb>

Copyright 2012 Suryandaru Triandana

See <https://github.com/syndtr/goleveldb/blob/master/LICENSE> for license details.

gosnappy - a fork of [code.google.com/p/snappy-go](http://code.google.com/p/snappy-go)

<https://github.com/syndtr/gosnappy>

Copyright 2011 The Snappy-Go Authors

See <https://github.com/syndtr/gosnappy/blob/master/LICENSE> for license details.

go-zookeeper - Native ZooKeeper client for Go

<https://github.com/samuel/go-zookeeper>

Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>

See <https://github.com/samuel/go-zookeeper/blob/master/LICENSE> for license details.

Time series compression algorithm from Facebook's Gorilla paper

<https://github.com/dgryski/go-tsz>

Copyright (c) 2015,2016 Damian Gryski <[damian@gryski.com](mailto:damian@gryski.com)>

See <https://github.com/dgryski/go-tsz/blob/master/LICENSE> for license details.

The Go programming language

<https://go.dev/>

Copyright (c) 2009 The Go Authors

See <https://go.dev/LICENSE> for license details.

The Codicon icon font from Microsoft

<https://github.com/microsoft/vscode-codicons>

Copyright (c) Microsoft Corporation and other contributors

See <https://github.com/microsoft/vscode-codicons/blob/main/LICENSE> for license details.

We also use code from a large number of npm packages. For details, see:

- <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package.json>

- <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package-lock.json>

- The individual package licenses as copied from the `node_modules` directory can be found in

  - the `npm_licenses.tar.bz2` archive in release tarballs and Docker images.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-0-Clause
- BSD-2-Clause
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- GPL-2.0
- GPL-3.0
- ISC
- MIT
- MPL-2.0
- OFL-1.1

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/compute/metadata

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
github.com/Azure/azure-sdk-for-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.  
Copyright (c) Microsoft Corporation. All rights reserved.

== Notices  
NOTICES AND INFORMATION  
Do Not Translate or Localize

This software incorporates material from third parties. Microsoft makes certain open source code available at <https://3rdpartysource.microsoft.com>, or you may

## Third-Party Notices

---

send a check or money order for US \$5.00, including the product name, the open source component name, and version number, to:

Source Code Compliance Team  
Microsoft Corporation  
One Microsoft Way  
Redmond, WA 98052  
USA

Notwithstanding any other terms, you may reverse engineer this software to the extent required to debug changes to any libraries licensed under the GNU Lesser General Public License.

-----  
----

Azure SDK for Go uses third-party libraries or other resources that may be distributed under licenses different than the Azure SDK for Go software.

In the event that we accidentally failed to list a required notice, please bring it to our attention. Post an issue or email us:

[azgosdkhelp@microsoft.com](mailto:azgosdkhelp@microsoft.com)

The attached notices are provided for information only.

----- (separator) -----  
-----

== Dependency  
[github.com/Azure/go-autorest/autorest](https://github.com/Azure/go-autorest/autorest)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
[github.com/Azure/go-autorest/autorest/adal](https://github.com/Azure/go-autorest/autorest/adal)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/Azure/go-autorest/autorest/date  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/Azure/go-autorest/autorest/to  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/Azure/go-autorest/autorest/validation  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/Azure/go-autorest/logger  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
  
----- (separator) -----  
-----  
  
== Dependency
```

## Third-Party Notices

---

github.com/Azure/go-autorest/tracing

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Microsoft Corporation  
Copyright 2017 Microsoft Corporation  
Copyright 2018 Microsoft Corporation

----- (separator) -----  
-----

== Dependency  
github.com/alecthomas/kingpin/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014 Alec Thomas

----- (separator) -----  
-----

== Dependency  
github.com/alecthomas/template

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/alecthomas/units

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014 Alec Thomas

----- (separator) -----  
-----

== Dependency  
github.com/armon/go-metrics

== License Type  
SPDX:MIT

---

== Copyright  
Copyright (c) 2013 Armon Dadgar

----- (separator) -----  
-----

== Dependency  
github.com/asaskevich/govalidator

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2020 Alex Saskevich

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Carl Jackson  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices  
AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/beorn7/perks

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
-----

== Dependency  
github.com/cenkalti/backoff/v4

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Cenk Alti

----- (separator) -----  
-----

== Dependency  
github.com/cespare/xxhash/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

== Dependency  
github.com/cncf/xds/go

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/coreos/go-systemd/v22

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Docker, Inc.  
Copyright 2015 CoreOS Inc.  
Copyright 2015 CoreOS, Inc.  
Copyright 2015 RedHat, Inc.  
Copyright 2015, 2018 CoreOS, Inc.  
Copyright 2015-2018 CoreOS, Inc.  
Copyright 2016 CoreOS, Inc.  
Copyright 2018 CoreOS, Inc  
Copyright 2018 CoreOS, Inc.  
Copyright 2019 CoreOS, Inc.  
Copyright 2020 CoreOS, Inc.  
Copyright 2022 CoreOS, Inc.

== Notices  
CoreOS Project

---

Copyright 2018 CoreOS, Inc

This product includes software developed at CoreOS, Inc.  
(<http://www.coreos.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/davecgh/go-spew](https://github.com/davecgh/go-spew)

== License Type  
ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
[github.com/dennwc/varint](https://github.com/dennwc/varint)

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Denys Smirnov

----- (separator) -----  
-----

== Dependency  
[github.com/digitalocean/godo](https://github.com/digitalocean/godo)

== License Type

## Third-Party Notices

---

Copyright (c) 2014-2016 The godo AUTHORS. All rights reserved.

### MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

Portions of the client are based on code at:  
<https://github.com/google/go-github/>

Copyright (c) 2013 The go-github AUTHORS. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## == Copyright

Copyright (c) 2013 The go-github AUTHORS. All rights reserved.  
Copyright (c) 2014-2016 The godo AUTHORS. All rights reserved.  
Copyright 2013 The Prometheus Authors  
Copyright 2017 The go-github AUTHORS. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/docker/distribution

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright (c) 2013 Damien Le Berrigaud and Nick Wade

----- (separator) -----  
-----

## == Dependency

github.com/docker/docker

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright (C) 1999-2008 Novell Inc.  
Copyright (c) 2015 John Howard (Microsoft)  
Copyright 2009-2012 Canonical Ltd.  
Copyright 2009-2018 Canonical Ltd.  
Copyright 2012-2017 Docker, Inc.  
Copyright 2013-2018 Docker, Inc.  
copyright 2015 Docker, inc. Code released under the Apache 2.0 license.  
Docs released under Creative commons.

## == Notices

Docker  
Copyright 2012-2017 Docker, Inc.

This product includes software developed at Docker, Inc.  
(<https://www.docker.com>).

This product contains software (<https://github.com/creack/pty>) developed  
by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the  
United States and other governments.  
It is your responsibility to ensure that your use and/or transfer does not  
violate applicable laws.

## Third-Party Notices

---

For more information, please see <https://www.bis.doc.gov>

See also <https://www.apache.org/dev/crypto.html> and/or seek legal counsel.

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-connections

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/docker/go-units

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Docker, Inc.  
Copyright © 2015 Docker, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/edsrzf/mmap-go

== License Type  
Copyright (c) 2011, Evan Shaw <edsrzf@gmail.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

---

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2010, Gustavo Niemeyer <gustavo@niemeyer.net>  
Copyright (c) 2011, Evan Shaw <edsrzf@gmail.com>  
Copyright 2011 Evan Shaw. All rights reserved.  
Copyright 2020 Evan Shaw. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/emicklei/go-restful/v3

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012,2013 Ernest Micklei  
Copyright 2013 Ernest Micklei. All rights reserved.  
Copyright 2014 Ernest Micklei. All rights reserved.  
Copyright 2015 Ernest Micklei. All rights reserved.  
Copyright 2018 Ernest Micklei. All rights reserved.  
Copyright 2021 Ernest Micklei. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/envoyproxy/go-control-plane

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 Envoyproxy Authors  
Copyright 2019 Envoyproxy Authors  
Copyright 2020 Envoyproxy Authors  
Copyright 2022 Envoyproxy Authors

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/envoyproxy/protoc-gen-validate

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Envoy Project Authors

== Notices  
protoc-gen-validate  
Copyright 2019 Envoy Project Authors

Licensed under Apache License 2.0. See LICENSE for terms.

----- (separator) -----  
-----

== Dependency  
github.com/fatih/color

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Fatih Arslan

----- (separator) -----  
-----

== Dependency  
github.com/felixge/httpsnoop

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Felix Geisendörfer (felix@debuggable.com)

----- (separator) -----  
-----

== Dependency  
github.com/fsnotify/fsnotify

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright © 2012 The Go Authors. All rights reserved.  
Copyright © fsnotify Authors. All rights reserved.

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/go-kit/kit  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2015 Peter Bourgon  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/go-kit/log  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2014 Simon Eskildsen  
Copyright (c) 2021 Go kit  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/go-logfmt/logfmt  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2015 go-logfmt  
Copyright 2010 The Go Authors. All rights reserved.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/go-logr/logr  
  
== License Type  
SPDX:Apache-2.0  
  
== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2020 The logr Authors.  
Copyright 2021 The logr Authors.  
  
----- (separator) -----  
-----
```

## Third-Party Notices

---

== Dependency  
github.com/go-logr/stdr

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 The logr Authors.  
Copyright 2021 The logr Authors.

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/analysis

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/errors

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonpointer

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
github.com/go-openapi/jsonreference

== License Type  
SPDX:Apache-2.0

---

== Copyright  
Copyright 2013 sigu-399 ( <https://github.com/sigu-399> )

----- (separator) -----  
-----

== Dependency  
[github.com/go-openapi/loads](https://github.com/go-openapi/loads)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
[github.com/go-openapi/spec](https://github.com/go-openapi/spec)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers  
Copyright 2017 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
[github.com/go-openapi/strfmt](https://github.com/go-openapi/strfmt)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
[github.com/go-openapi/swag](https://github.com/go-openapi/swag)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/go-openapi/validate

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 go-swagger maintainers  
Copyright 2017 go-swagger maintainers  
Copyright 2018 go-swagger maintainers

----- (separator) -----  
-----

== Dependency  
github.com/go-resty/resty/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015-2021 Jeevanandam M (jeeva@myjeeva.com)  
Copyright (c) 2015-2021 Jeevanandam M (jeeva@myjeeva.com), All rights reserved.  
Copyright (c) 2015-2021 Jeevanandam M. (jeeva@myjeeva.com), All rights reserved.  
Copyright (c) 2015-2021 Jeevanandam M., <https://myjeeva.com>  
<jeeva@myjeeva.com>

----- (separator) -----  
-----

== Dependency  
github.com/go-zookeeper/zk

== License Type  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

---

DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright 2012 Google Inc.

----- (separator) -----  
-----

== Dependency

github.com/gogo/protobuf

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2013, The GoGo Authors. All rights reserved.  
Copyright (c) 2015, The GoGo Authors. rights reserved.  
Copyright (c) 2015, The GoGo Authors. All rights reserved.  
Copyright (c) 2016, The GoGo Authors. All rights reserved.  
Copyright (c) 2017, The GoGo Authors. All rights reserved.  
Copyright (c) 2018, The GoGo Authors. All rights reserved.  
Copyright (c) 2019, The GoGo Authors. All rights reserved.  
Copyright 2010 The Go Authors.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/golang-jwt/jwt/v4

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2012 Dave Grijalva

## Third-Party Notices

---

Copyright (c) 2021 golang-jwt maintainers

----- (separator) -----  
-----

== Dependency  
github.com/golang/grouppache

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/snappy

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2011 The Snappy-Go Authors. All rights reserved.  
Copyright 2016 The Snappy-Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gnostic

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017 Google LLC. All Rights Reserved.  
Copyright 2017-2020, Google LLC.  
Copyright 2018 Google LLC. All Rights Reserved.  
Copyright 2019 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.  
Copyright 2020 Google LLC. All Rights Reserved.\n" +  
Copyright 2021 Google LLC. All Rights Reserved.  
Copyright 2022 Google LLC. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-cmp

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/go-querystring

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2013 Google. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/gofuzz

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google Inc. All rights reserved.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/google/pprof

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) 2020 Free Software Foundation, Inc."  
Copyright 2009-2017 Andrea Leofreddi <a.leofreddi@vleo.net>. All rights reserved.  
Copyright 2014 Google Inc. All Rights Reserved.  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2017 Google Inc. All Rights Reserved.  
Copyright 2018 Google Inc. All Rights Reserved.  
Copyright 2022 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/enterprise-certificate-proxy

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2022 Google LLC.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/gax-go/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright 2016, Google Inc.  
Copyright 2018, Google Inc.  
Copyright 2019, Google Inc.  
Copyright 2021 Google LLC  
Copyright 2021, Google Inc.  
Copyright 2022 Google LLC  
Copyright 2022, Google Inc.

----- (separator) -----  
-----

## == Dependency

github.com/gophercloud/gophercloud

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2012-2013 Rackspace, Inc.

----- (separator) -----  
-----

## == Dependency

github.com/gorilla/websocket

## == License Type

SPDX:BSD-2-Clause

## == Copyright

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>  
Copyright (c) 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2013 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2014 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2015 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2016 The Gorilla WebSocket Authors. All rights reserved. Use of  
Copyright 2017 The Gorilla WebSocket Authors. All rights reserved.  
Copyright 2019 The Gorilla WebSocket Authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

github.com/grafana/regexp

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/grpc-ecosystem/grpc-gateway/v2

== License Type

Copyright (c) 2015, Gengo, Inc.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,

- this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice,

- this list of conditions and the following disclaimer in the documentation

- and/or other materials provided with the distribution.

- \* Neither the name of Gengo, Inc. nor the names of its contributors may be used to endorse or promote products derived from this

- software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF

THIS

SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2015, Gengo, Inc.

Copyright 2009 The Go Authors. All rights reserved.

Copyright 2010, 2019 The Go Authors. All rights reserved.

```
----- (separator) -----  
-----  
  
== Dependency  
github.com/hashicorp/consul/api  
  
== License Type  
SPDX:MPL-2.0  
  
== Copyright  
Copyright (c) 2013 HashiCorp, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/hashicorp/cronexpr  
  
== License Type  
SPDX:GPL-3.0  
  
== Copyright  
Copyright 2013 Raymond Hill  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/hashicorp/errwrap  
  
== License Type  
SPDX:MPL-2.0  
  
== Copyright  
Copyright (c) 2014 HashiCorp, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/hashicorp/go-cleanhttp  
  
== License Type  
SPDX:MPL-2.0  
  
== Copyright  
Copyright (c) 2015 HashiCorp, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
github.com/hashicorp/go-hclog  
  
== License Type
```

## Third-Party Notices

---

SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2017 HashiCorp

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-immutable-radix

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-multierror

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-retryablehttp

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/go-rootcerts

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2016 HashiCorp, Inc.

----- (separator) -----  
-----

---

== Dependency  
github.com/hashicorp/golang-lru

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2014 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/nomad/api

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2015 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hashicorp/serf

== License Type  
SPDX:MPL-2.0

== Copyright  
Copyright (c) 2013 HashiCorp, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/hetznercloud/hcloud-go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018-2020 Hetzner Cloud GmbH

----- (separator) -----  
-----

== Dependency  
github.com/indario/mergo

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright

## Third-Party Notices

---

Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright (c) 2013 Dario CastaòÈ. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 Dario CastaòÈ. All rights reserved.  
Copyright 2014 Dario CastaòÈ. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/influxdata/influxdb

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012 The gocql Authors. All rights reserved.  
Copyright (c) 2013-2018 InfluxData Inc.  
Copyright (c) 2014 Shawn Smith  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/ionos-cloud/sdk-go/v6

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 IONOS

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/josharian/intern

== License Type  
SPDX:MIT

== Copyright

---

Copyright (c) 2019 Josh Bleecher Snyder

----- (separator) -----  
-----

== Dependency  
github.com/jpillora/backoff

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Jaime Pillora

----- (separator) -----  
-----

== Dependency  
github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/julienschmidt/httprouter

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2013, Julien Schmidt  
Copyright 2009 The Go Authors.  
Copyright 2013 Julien Schmidt. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/kolo/xmlrpc

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2012 Dmitry Maksimov

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/linode/linodego

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Christopher "Chief" Najewicz

----- (separator) -----  
-----

== Dependency  
github.com/mailru/easyjson

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Mail.Ru Group

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-colorable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Yasuhiro Matsumoto

----- (separator) -----  
-----

== Dependency  
github.com/mattn/go-isatty

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

---

Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency

github.com/miekg/dns

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2009, The Go Authors. Extensions copyright (c) 2011, Miek Gieben.

Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

github.com/mitchellh/mapstructure

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013 Mitchell Hashimoto

----- (separator) -----  
-----

== Dependency

github.com/modern-go/concurrent

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

----- (separator) -----  
-----

== Dependency

github.com/modern-go/reflect2

== License Type

SPDX:Apache-2.0

== Copyright

(no copyright notices found)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/munnerz/goautoneg

== License Type  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Open Knowledge Foundation Ltd. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.

----- (separator) -----  
-----

== Dependency  
github.com/mwitkow/go-conntrack

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Michal Witkowski. All Rights Reserved.

```
----- (separator) -----
-----

== Dependency
github.com/oklog/run

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/oklog/ulid

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2016 The Oklog Authors

----- (separator) -----
-----

== Dependency
github.com/opencontainers/go-digest

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2016 Docker, Inc.
Copyright 2017 Docker, Inc.
Copyright 2019, 2020 OCI Contributors
Copyright 2020, 2020 OCI Contributors
Copyright © 2016 Docker, Inc.
Copyright © 2019, 2020 OCI Contributors

----- (separator) -----
-----

== Dependency
github.com/opencontainers/image-spec

== License Type
SPDX:Apache-2.0

== Copyright
Copyright (C) 2004, 2006 The Linux Foundation and its contributors.
Copyright 2016 The Linux Foundation
Copyright 2016 The Linux Foundation.
Copyright 2017 The Linux Foundation
```

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/ovh/go-ovh

== License Type  
Copyright (c) 2015-2017, OVH SAS.  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of OVH SAS nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY OVH SAS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL OVH SAS AND CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015-2017, OVH SAS.

----- (separator) -----  
-----

== Dependency  
github.com/pkg/errors

== License Type  
SPDX:BSD-2-Clause

== Copyright  
Copyright (c) 2015, Dave Cheney <dave@cheney.net>

----- (separator) -----  
-----

== Dependency  
github.com/pmezard/go-difflib

== License Type  
Copyright (c) 2013, Patrick Mezard  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2013, Patrick Mezard

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/alertmanager

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2012 Stefan Petre  
Copyright 2013-2015 The Prometheus Authors  
Copyright 2015 Prometheus Team  
Copyright 2015 The Prometheus Authors  
Copyright 2016 Prometheus Team

## Third-Party Notices

---

Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 Prometheus Team  
Copyright 2018 The Prometheus Authors  
Copyright 2019 Prometheus Team  
Copyright 2019 The Prometheus Authors  
Copyright 2020 Prometheus Team  
Copyright 2020 The Prometheus Authors  
Copyright 2021 Prometheus Team  
Copyright 2022 Prometheus Team

### == Notices

Prometheus Alertmanager  
Copyright 2013-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

Bootstrap  
<http://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap-datetimepicker.js  
<http://www.eyecon.ro/bootstrap-datepicker>  
Copyright 2012 Stefan Petre  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_golang](https://github.com/prometheus/client_golang)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright (c) 2015 Bj^rn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

---

Copyright 2022 The Prometheus Authors

== Notices

Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/client\\_model](https://github.com/prometheus/client_model)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common](https://github.com/prometheus/common)

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common/sigv4](https://github.com/prometheus/common/sigv4)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 The Prometheus Authors  
Copyright 2021 The Prometheus Authors

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/exporter-toolkit](https://github.com/prometheus/exporter-toolkit)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Matthew Holt and The Caddy Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2023 The Prometheus Authors

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/procfs

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
procfs provides functions to retrieve system, kernel and process  
metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/prometheus/documentation/examples/remote\_storage

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright (c) 2013, The GoGo Authors.  
Copyright (c) 2014 Ben Johnson  
Copyright (c) 2014 The strutil Authors. All rights reserved.  
Copyright (c) 2015,2016 Damian Gryski <damiangryski.com>  
Copyright (c) Microsoft Corporation and other contributors  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright 2011 The Snappy-Go Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2012 Matt York

## Third-Party Notices

---

Copyright 2012 Suryandaru Triandana  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Google Inc.  
Copyright 2013 Matt T. Proud  
Copyright 2013 The Prometheus Authors  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2014 The Prometheus Authors  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Copyright 2015 The Prometheus Authors  
Copyright 2015 The etcd Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2016 The etcd Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors  
Copyright 2023 The Prometheus Authors

### == Notices

The Prometheus systems and service monitoring server  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<https://soundcloud.com/>).

The following components are included in this product:

Bootstrap  
<https://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap3-typeahead.js  
<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

fuzzy  
<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

bootstrap-datetimepicker.js  
<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

moment.js  
<https://github.com/moment/moment/>  
Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw

<https://github.com/shutterstock/rickshaw>

Copyright 2011-2014 by Shutterstock Images, LLC

See <https://github.com/shutterstock/rickshaw/blob/master/LICENSE> for license details

mustache.js

<https://github.com/janl/mustache.js>

Copyright 2009 Chris Wanstrath (Ruby)

Copyright 2010-2014 Jan Lehnardt (JavaScript)

Copyright 2010-2015 The mustache.js community

Licensed under the MIT License

jQuery

<https://jquery.org>

Copyright jQuery Foundation and other contributors

Licensed under the MIT License

Protocol Buffers for Go with Gadgets

<https://github.com/gogo/protobuf/>

Copyright (c) 2013, The GoGo Authors.

See source code for license details.

Go support for leveled logs, analogous to

<https://code.google.com/p/google-glog/>

Copyright 2013 Google Inc.

Licensed under the Apache License, Version 2.0

Support for streaming Protocol Buffer messages for the Go language (golang).

[https://github.com/matttpproud/golang\\_protobuf\\_extensions](https://github.com/matttpproud/golang_protobuf_extensions)

Copyright 2013 Matt T. Proud

Licensed under the Apache License, Version 2.0

DNS library in Go

<https://miekg.nl/2014/august/16/go-dns-package/>

Copyright 2009 The Go Authors, 2011 Miek Gieben

See <https://github.com/miekg/dns/blob/master/LICENSE> for license details.

LevelDB key/value database in Go

<https://github.com/syndtr/goleveldb>

Copyright 2012 Suryandaru Triandana

See <https://github.com/syndtr/goleveldb/blob/master/LICENSE> for license details.

gosnappy - a fork of [code.google.com/p/snappy-go](https://code.google.com/p/snappy-go)

<https://github.com/syndtr/gosnappy>

Copyright 2011 The Snappy-Go Authors

See <https://github.com/syndtr/gosnappy/blob/master/LICENSE> for license details.

go-zookeeper - Native ZooKeeper client for Go

<https://github.com/samuel/go-zookeeper>

Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>

## Third-Party Notices

---

See <https://github.com/samuel/go-zookeeper/blob/master/LICENSE> for license details.

Time series compression algorithm from Facebook's Gorilla paper  
<https://github.com/dgryski/go-tsz>  
Copyright (c) 2015,2016 Damian Gryski <damian@gryski.com>  
See <https://github.com/dgryski/go-tsz/blob/master/LICENSE> for license details.

The Go programming language  
<https://go.dev/>  
Copyright (c) 2009 The Go Authors  
See <https://go.dev/LICENSE> for license details.

The Codicon icon font from Microsoft  
<https://github.com/microsoft/vscode-codicons>  
Copyright (c) Microsoft Corporation and other contributors  
See <https://github.com/microsoft/vscode-codicons/blob/main/LICENSE> for license details.

We also use code from a large number of npm packages. For details, see:  
- <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package.json>  
- <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package-lock.json>  
- The individual package licenses as copied from the node\_modules directory can be found in the npm\_licenses.tar.bz2 archive in release tarballs and Docker images.

----- (separator) -----  
-----

== Dependency  
github.com/scaleway/scaleway-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Scaleway.

----- (separator) -----  
-----

== Dependency  
github.com/shurcool/httpfs

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Dmitri Shuralyov

----- (separator) -----  
-----

---

== Dependency  
github.com/spfl3/pflag

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 Alex Ogier. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/stretchr/testify

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012-2020 Mat Ryer, Tyler Bunnell and contributors.

----- (separator) -----  
-----

== Dependency  
github.com/vultr/govultr/v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Vultr

----- (separator) -----  
-----

== Dependency  
github.com/xhit/go-str2duration/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.mongodb.org/mongo-driver

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (C) MongoDB, Inc. 2018-present.  
Copyright (C) MongoDB, Inc. 2019-present.  
Copyright (C) MongoDB, Inc. 2020-present.  
Copyright (C) MongoDB, Inc. 2021-present.  
Copyright (C) MongoDB, Inc. 2022-present.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
go.opencensus.io

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors  
Copyright 2019, OpenCensus Authors  
Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/contrib/instrumentation/net/http/otelhttp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

---

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/internal/retry

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracegrpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracehttp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/metric

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/sdk

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/otel/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright The OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.opentelemetry.io/proto/otlp

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019, OpenTelemetry Authors  
Copyright 2020, OpenTelemetry Authors

----- (separator) -----  
-----

== Dependency  
go.uber.org/atomic

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Uber Technologies, Inc.  
Copyright (c) 2016-2020 Uber Technologies, Inc.  
Copyright (c) 2020 Uber Technologies, Inc.  
Copyright (c) 2020-2021 Uber Technologies, Inc.  
Copyright (c) 2020-{{.ToYear}} Uber Technologies, Inc.  
Copyright (c) 2021 Uber Technologies, Inc.

```
----- (separator) -----
-----

== Dependency
go.uber.org/automaxprocs

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2017 Uber Technologies, Inc.
Copyright (c) 2022 Uber Technologies, Inc.

----- (separator) -----
-----

== Dependency
go.uber.org/goleak

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2017 Uber Technologies, Inc.
Copyright (c) 2018 Uber Technologies, Inc.
Copyright (c) 2019 Uber Technologies, Inc.
Copyright (c) 2021 Uber Technologies, Inc.

----- (separator) -----
-----

== Dependency
golang.org/x/crypto

== License Type
SPDX:BSD-3-Clause--modified-by-Google

== Copyright
Copyright (c) 2009 The Go Authors. All rights reserved.
Copyright (c) 2017 The Go Authors. All rights reserved.
Copyright (c) 2019 The Go Authors. All rights reserved.
Copyright (c) 2020 The Go Authors. All rights reserved.
Copyright (c) 2021 The Go Authors. All rights reserved.
Copyright 2009 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2012 The Go Authors. All rights reserved.
Copyright 2013 The Go Authors. All rights reserved.
Copyright 2014 The Go Authors. All rights reserved.
Copyright 2015 The Go Authors. All rights reserved.
Copyright 2016 The Go Authors. All rights reserved.
Copyright 2017 The Go Authors. All rights reserved.
Copyright 2018 The Go Authors. All rights reserved.
Copyright 2019 The Go Authors. All rights reserved.
Copyright 2020 The Go Authors. All rights reserved.
Copyright 2022 The Go Authors. All rights reserved.
```

## Third-Party Notices

---

### == Patents

#### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/exp

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

### == Patents

#### Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

## Third-Party Notices

---

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/oauth2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sync

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

## == Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/sys

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

## == Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/term

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any

entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
golang.org/x/time

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/api

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC

Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 Google LLC.  
Copyright 2022 Google LLC. All rights reserved.  
Copyright 2023 Google LLC.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents

## Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
gopkg.in/alecthomas/kingpin.v2

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2014 Alec Thomas

----- (separator) -----  
-----

== Dependency  
gopkg.in/inf.v0

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2012 PÈter Sur·nyi. Portions Copyright (c) 2009 The Go

----- (separator) -----  
-----

== Dependency  
gopkg.in/ini.v1

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

```
== Copyright
Copyright 2014 Unknwon
Copyright 2015 Unknwon
Copyright 2016 Unknwon
Copyright 2017 Unknwon
Copyright 2019 Unknwon
```

```
----- (separator) -----
-----
```

```
== Dependency
gopkg.in/yaml.v2
```

```
== License Type
SPDX:Apache-2.0
```

```
== Copyright
Copyright (c) 2006 Kirill Simonov
Copyright 2011-2016 Canonical Ltd.
```

```
== Notices
Copyright 2011-2016 Canonical Ltd.
```

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

```
----- (separator) -----
-----
```

```
== Dependency
gopkg.in/yaml.v3
```

```
== License Type
```

This project is covered by two different licenses: MIT and Apache.

```
#### MIT License ####
```

The following files were ported to Go from C files of libyaml, and thus  
are still covered by their original MIT license, with the additional  
copyright starting in 2011 when the project was ported over:

```
    apic.go emitterc.go parserc.go readerc.go scannerc.go
    writerc.go yamlh.go yamlprivateh.go
```

Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Apache License ###

All the remaining project files are covered by the Apache license:

Copyright (c) 2011-2019 Canonical Ltd

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

== Copyright  
Copyright (c) 2006-2010 Kirill Simonov  
Copyright (c) 2006-2011 Kirill Simonov  
Copyright (c) 2011-2019 Canonical Ltd  
Copyright 2011-2016 Canonical Ltd.

## Third-Party Notices

---

== Notices

Copyright 2011-2016 Canonical Ltd.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

k8s.io/api

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency

k8s.io/apimachinery

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.

---

Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/client-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/klog/v2

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

== Dependency  
k8s.io/kube-openapi

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright (C) MongoDB, Inc. 2017-present.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright 2015 go-swagger maintainers  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2017 go-swagger maintainers  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2022 The Kubernetes Authors.  
Copyright 2023 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

k8s.io/utils

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2012 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2013 Google Inc.  
Copyright 2014 The Kubernetes Authors.  
Copyright 2015 The Kubernetes Authors.  
Copyright 2016 The Kubernetes Authors.  
Copyright 2017 The Kubernetes Authors.  
Copyright 2018 The Kubernetes Authors.  
Copyright 2019 The Kubernetes Authors.  
Copyright 2020 The Kubernetes Authors.  
Copyright 2021 The Kubernetes Authors.  
Copyright 2022 The Kubernetes Authors.

----- (separator) -----  
-----

### == Dependency

sigs.k8s.io/json

### == License Type

Files other than internal/golang/\* licensed under:

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `"{}"` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `"printed page"` as the copyright notice for easier identification within third-party archives.

```
Copyright {yyyy} {name of copyright owner}
```

```
Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.
```

```
See the License for the specific language governing permissions and  
limitations under the License.
```

```
-----
```

```
internal/golang/* files licensed under:
```

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
 Copyright 2010 The Go Authors. All rights reserved.  
 Copyright 2011 The Go Authors. All rights reserved.  
 Copyright 2013 The Go Authors. All rights reserved.  
 Copyright 2016 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.  
 Copyright 2021 The Kubernetes Authors.

----- (separator) -----  
 -----

== Dependency

sigs.k8s.io/structured-merge-diff/v4

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2018 The Kubernetes Authors.  
 Copyright 2019 The Kubernetes Authors.  
 Copyright 2020 The Kubernetes Authors.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
sigs.k8s.io/yaml

== License Type  
The MIT License (MIT)

Copyright (c) 2014 Sam Ghods

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT

LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2012 The Go Authors. All rights reserved.

Copyright (c) 2014 Sam Ghods

Copyright 2013 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

prometheus-io

== License Type

SPDX:Apache-2.0

== Copyright

Copyright (c) 2009 The Go Authors

Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>

Copyright (c) 2013, The GoGo Authors.

Copyright (c) 2015,2016 Damian Gryski <damiangryski.com>

Copyright (c) Microsoft Corporation and other contributors

Copyright 2009 Chris Wanstrath (Ruby)

Copyright 2009 The Go Authors, 2011 Miek Gieben

Copyright 2010-2014 Jan Lehnardt (JavaScript)

Copyright 2010-2015 The mustache.js community

Copyright 2011 The Snappy-Go Authors

Copyright 2011-2014 Twitter, Inc.

Copyright 2011-2014 by Shutterstock Images, LLC

Copyright 2012 Matt York

Copyright 2012 Suryandaru Triandana

Copyright 2012-2015 The Prometheus Authors

Copyright 2013 Google Inc.

Copyright 2013 Matt T. Proud

Copyright 2014 Bass Jobsen @bassjobsen

Copyright 2015 Jonathan Peterson (@Eonasdan)

Copyright 2018 The Prometheus Authors

Copyright 2021 The Prometheus Authors

Copyright 2022 The Prometheus Authors

== Notices

The Prometheus systems and service monitoring server

Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<https://soundcloud.com/>).

## Third-Party Notices

---

The following components are included in this product:

Bootstrap

<https://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap3-typeahead.js

<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

fuzzy

<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

bootstrap-datetimepicker.js

<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

moment.js

<https://github.com/moment/moment/>  
Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw

<https://github.com/shutterstock/rickshaw>  
Copyright 2011-2014 by Shutterstock Images, LLC  
See <https://github.com/shutterstock/rickshaw/blob/master/LICENSE> for  
license details

mustache.js

<https://github.com/janl/mustache.js>  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Licensed under the MIT License

jQuery

<https://jquery.org>  
Copyright jQuery Foundation and other contributors  
Licensed under the MIT License

Protocol Buffers for Go with Gadgets

<https://github.com/gogo/protobuf/>  
Copyright (c) 2013, The GoGo Authors.  
See source code for license details.

Go support for leveled logs, analogous to

<https://code.google.com/p/google-glog/>

---

Copyright 2013 Google Inc.  
Licensed under the Apache License, Version 2.0

Support for streaming Protocol Buffer messages for the Go language  
(golang).

[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)

Copyright 2013 Matt T. Proud

Licensed under the Apache License, Version 2.0

DNS library in Go

<https://miekg.nl/2014/august/16/go-dns-package/>

Copyright 2009 The Go Authors, 2011 Miek Gieben

See <https://github.com/miekg/dns/blob/master/LICENSE> for license details.

LevelDB key/value database in Go

<https://github.com/syndtr/goleveldb>

Copyright 2012 Suryandaru Triandana

See <https://github.com/syndtr/goleveldb/blob/master/LICENSE> for license details.

gosnappy - a fork of [code.google.com/p/snappy-go](http://code.google.com/p/snappy-go)

<https://github.com/syndtr/gosnappy>

Copyright 2011 The Snappy-Go Authors

See <https://github.com/syndtr/gosnappy/blob/master/LICENSE> for license details.

go-zookeeper - Native ZooKeeper client for Go

<https://github.com/samuel/go-zookeeper>

Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>

See <https://github.com/samuel/go-zookeeper/blob/master/LICENSE> for license details.

Time series compression algorithm from Facebook's Gorilla paper

<https://github.com/dgryski/go-tsz>

Copyright (c) 2015,2016 Damian Gryski <[damian@gryski.com](mailto:damian@gryski.com)>

See <https://github.com/dgryski/go-tsz/blob/master/LICENSE> for license details.

The Go programming language

<https://go.dev/>

Copyright (c) 2009 The Go Authors

See <https://go.dev/LICENSE> for license details.

The Codicon icon font from Microsoft

<https://github.com/microsoft/vscode-codicons>

Copyright (c) Microsoft Corporation and other contributors

See <https://github.com/microsoft/vscode-codicons/blob/main/LICENSE> for license details.

We also use code from a large number of npm packages. For details, see:

- <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package.json>

- <https://github.com/prometheus/prometheus/blob/main/web/ui/react-app/package-lock.json>

- The individual package licenses as copied from the `node_modules` directory can be found in

## Third-Party Notices

---

the npm\_licenses.tar.bz2 archive in release tarballs and Docker images.

----- (separator) -----  
-----

== Dependency  
@babel/runtime

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-present Sebastian McKenzie and other contributors

----- (separator) -----  
-----

== Dependency  
@codemirror/autocomplete

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and others

----- (separator) -----  
-----

== Dependency  
@codemirror/commands

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and others

----- (separator) -----  
-----

== Dependency  
@codemirror/language

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and others

----- (separator) -----  
-----

---

== Dependency  
@codemirror/lint

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and  
others

----- (separator) -----  
-----

== Dependency  
@codemirror/search

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and  
others

----- (separator) -----  
-----

== Dependency  
@codemirror/state

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and  
others

----- (separator) -----  
-----

== Dependency  
@codemirror/view

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018-2021 by Marijn Haverbeke <marijn@haverbeke.berlin> and  
others

----- (separator) -----  
-----

== Dependency  
@forevolve/bootstrap-dark

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018-2021 Carl-Hugo Marcotte

----- (separator) -----  
-----

== Dependency  
@fontawesome/fontawesome-common-types

== License Type  
Fonticons, Inc. (<https://fontawesome.com>)

-----  
-----

### Font Awesome Free License

Font Awesome Free is free, open source, and GPL friendly. You can use it for commercial projects, open source projects, or really almost whatever you want.  
Full Font Awesome Free license: <https://fontawesome.com/license/free>.

-----  
-----

# Icons: CC BY 4.0 License (<https://creativecommons.org/licenses/by/4.0/>)

The Font Awesome Free download is licensed under a Creative Commons Attribution 4.0 International License and applies to all icons packaged as SVG and JS file types.

-----  
-----

# Fonts: SIL OFL 1.1 License

In the Font Awesome Free download, the SIL OFL license applies to all icons packaged as web and desktop font files.

Copyright (c) 2023 Fonticons, Inc. (<https://fontawesome.com>)  
with Reserved Font Name: "Font Awesome".

This Font Software is licensed under the SIL Open Font License, Version 1.1.  
This license is copied below, and is also available with a FAQ at:  
<http://scripts.sil.org/OFL>

SIL OPEN FONT LICENSE  
Version 1.1 - 26 February 2007

PREAMBLE

The goals of the Open Font License (OFL) are to stimulate worldwide development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

#### DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting ó in part or in whole ó any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

#### PERMISSION & CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.
- 3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.

## Third-Party Notices

---

4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.

5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

### TERMINATION

This license becomes null and void if any of the above conditions are not met.

### DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

-----  
-----  
# Code: MIT License (<https://opensource.org/licenses/MIT>)

In the Font Awesome Free download, the MIT license applies to all non-font and non-icon files.

Copyright 2023 Fonticons, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

#### # Attribution

Attribution is required by MIT, SIL OFL, and CC BY licenses. Downloaded Font Awesome Free files already contain embedded comments with sufficient attribution, so you shouldn't need to do anything additional when using these files normally.

We've kept attribution comments terse, so we ask that you do not actively work to remove them from files, especially code. They're a great way for folks to learn about Font Awesome.

---

#### # Brand Icons

All brand icons are trademarks of their respective owners. The use of these trademarks does not indicate endorsement of the trademark holder by Font Awesome, nor vice versa. **Please do not use brand logos for any purpose except to represent the company, product, or service to which they refer.**

#### == Copyright

Copyright (c) 2023 Fonticons, Inc. (<https://fontawesome.com>)  
Copyright 2023 Fonticons, Inc.

---

(separator)

#### == Dependency

@fontawesome/fontawesome-svg-core

#### == License Type

Fonticons, Inc. (<https://fontawesome.com>)

## Third-Party Notices

---

-----  
-----  
**Font Awesome Free License**

Font Awesome Free is free, open source, and GPL friendly. You can use it for commercial projects, open source projects, or really almost whatever you want.

Full Font Awesome Free license: <https://fontawesome.com/license/free>.

-----  
-----  
**# Icons: CC BY 4.0 License (<https://creativecommons.org/licenses/by/4.0/>)**

The Font Awesome Free download is licensed under a Creative Commons Attribution 4.0 International License and applies to all icons packaged as SVG and JS file types.

-----  
-----  
**# Fonts: SIL OFL 1.1 License**

In the Font Awesome Free download, the SIL OFL license applies to all icons packaged as web and desktop font files.

Copyright (c) 2023 Fonticons, Inc. (<https://fontawesome.com>)  
with Reserved Font Name: "Font Awesome".

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:  
<http://scripts.sil.org/OFL>

**SIL OPEN FONT LICENSE**  
Version 1.1 - 26 February 2007

**PREAMBLE**

The goals of the Open Font License (OFL) are to stimulate worldwide development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

## DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting ó in part or in whole ó any of the components of the Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

## PERMISSION &amp; CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.
- 3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.
- 4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.
- 5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

## TERMINATION

## Third-Party Notices

---

This license becomes null and void if any of the above conditions are not met.

### DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

-----  
-----  
# Code: MIT License (<https://opensource.org/licenses/MIT>)

In the Font Awesome Free download, the MIT license applies to all non-font and non-icon files.

Copyright 2023 Fonticons, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

## # Attribution

Attribution is required by MIT, SIL OFL, and CC BY licenses. Downloaded Font

Awesome Free files already contain embedded comments with sufficient attribution, so you shouldn't need to do anything additional when using these files normally.

We've kept attribution comments terse, so we ask that you do not actively work

to remove them from files, especially code. They're a great way for folks to learn about Font Awesome.

-----  
-----

## # Brand Icons

All brand icons are trademarks of their respective owners. The use of these

trademarks does not indicate endorsement of the trademark holder by Font Awesome, nor vice versa. \*\*Please do not use brand logos for any purpose except

to represent the company, product, or service to which they refer.\*\*

## == Copyright

Copyright (c) 2023 Fonticons, Inc. (<https://fontawesome.com>)

Copyright 2023 Fonticons, Inc.

----- (separator) -----  
-----

## == Dependency

@fontawesome/free-solid-svg-icons

## == License Type

Fonticons, Inc. (<https://fontawesome.com>)

-----  
-----

## Font Awesome Free License

Font Awesome Free is free, open source, and GPL friendly. You can use it for

commercial projects, open source projects, or really almost whatever you want.

Full Font Awesome Free license: <https://fontawesome.com/license/free>.

-----  
-----

## Third-Party Notices

---

# Icons: CC BY 4.0 License (<https://creativecommons.org/licenses/by/4.0/>)

The Font Awesome Free download is licensed under a Creative Commons Attribution 4.0 International License and applies to all icons packaged as SVG and JS file types.

-----  
-----

# Fonts: SIL OFL 1.1 License

In the Font Awesome Free download, the SIL OFL license applies to all icons packaged as web and desktop font files.

Copyright (c) 2023 Fonticons, Inc. (<https://fontawesome.com>)  
with Reserved Font Name: "Font Awesome".

This Font Software is licensed under the SIL Open Font License, Version 1.1.

This license is copied below, and is also available with a FAQ at:  
<http://scripts.sil.org/OFL>

SIL OPEN FONT LICENSE  
Version 1.1 - 26 February 2007

### PREAMBLE

The goals of the Open Font License (OFL) are to stimulate worldwide development of collaborative font projects, to support the font creation efforts of academic and linguistic communities, and to provide a free and open framework in which fonts may be shared and improved in partnership with others.

The OFL allows the licensed fonts to be used, studied, modified and redistributed freely as long as they are not sold by themselves. The fonts, including any derivative works, can be bundled, embedded, redistributed and/or sold with any software provided that any reserved names are not used by derivative works. The fonts and derivatives, however, cannot be released under any other type of license. The requirement for fonts to remain under this license does not apply to any document created using the fonts or their derivatives.

### DEFINITIONS

"Font Software" refers to the set of files released by the Copyright Holder(s) under this license and clearly marked as such. This may include source files, build scripts and documentation.

"Reserved Font Name" refers to any names specified as such after the copyright statement(s).

"Original Version" refers to the collection of Font Software components as distributed by the Copyright Holder(s).

"Modified Version" refers to any derivative made by adding to, deleting, or substituting ó in part or in whole ó any of the components of the

---

Original Version, by changing formats or by porting the Font Software to a new environment.

"Author" refers to any designer, engineer, programmer, technical writer or other person who contributed to the Font Software.

#### PERMISSION & CONDITIONS

Permission is hereby granted, free of charge, to any person obtaining a copy of the Font Software, to use, study, copy, merge, embed, modify, redistribute, and sell modified and unmodified copies of the Font Software, subject to the following conditions:

- 1) Neither the Font Software nor any of its individual components, in Original or Modified Versions, may be sold by itself.
- 2) Original or Modified Versions of the Font Software may be bundled, redistributed and/or sold with any software, provided that each copy contains the above copyright notice and this license. These can be included either as stand-alone text files, human-readable headers or in the appropriate machine-readable metadata fields within text or binary files as long as those fields can be easily viewed by the user.
- 3) No Modified Version of the Font Software may use the Reserved Font Name(s) unless explicit written permission is granted by the corresponding Copyright Holder. This restriction only applies to the primary font name as presented to the users.
- 4) The name(s) of the Copyright Holder(s) or the Author(s) of the Font Software shall not be used to promote, endorse or advertise any Modified Version, except to acknowledge the contribution(s) of the Copyright Holder(s) and the Author(s) or with their explicit written permission.
- 5) The Font Software, modified or unmodified, in part or in whole, must be distributed entirely under this license, and must not be distributed under any other license. The requirement for fonts to remain under this license does not apply to any document created using the Font Software.

#### TERMINATION

This license becomes null and void if any of the above conditions are not met.

#### DISCLAIMER

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

## Third-Party Notices

---

-----  
-----  
# Code: MIT License (<https://opensource.org/licenses/MIT>)

In the Font Awesome Free download, the MIT license applies to all non-font and non-icon files.

Copyright 2023 Fonticons, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
-----  
# Attribution

Attribution is required by MIT, SIL OFL, and CC BY licenses. Downloaded Font Awesome Free files already contain embedded comments with sufficient attribution, so you shouldn't need to do anything additional when using these files normally.

We've kept attribution comments terse, so we ask that you do not actively work to remove them from files, especially code. They're a great way for folks to learn about Font Awesome.

---

-----  
-----  
# Brand Icons

All brand icons are trademarks of their respective owners. The use of these trademarks does not indicate endorsement of the trademark holder by Font Awesome, nor vice versa. \*\*Please do not use brand logos for any purpose except to represent the company, product, or service to which they refer.\*\*

== Copyright

Copyright (c) 2023 Fonticons, Inc. (<https://fontawesome.com>)  
Copyright 2023 Fonticons, Inc.

----- (separator) -----  
-----

== Dependency

@fontawesome/react-fontawesome

== License Type

SPDX:MIT

== Copyright

Copyright 2018 Fonticons, Inc.

----- (separator) -----  
-----

== Dependency

@hypsosphi/create-react-context

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017-present James Kyle <[me@thejameskyle.com](mailto:me@thejameskyle.com)>

----- (separator) -----  
-----

== Dependency

@lezer/common

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2018 by Marijn Haverbeke <[marijn@haverbeke.berlin](mailto:marijn@haverbeke.berlin)> and others

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
@lezer/highlight

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018 by Marijn Haverbeke <marijn@haverbeke.berlin> and  
others

----- (separator) -----  
-----

== Dependency  
@lezer/lr

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2018 by Marijn Haverbeke <marijn@haverbeke.berlin> and  
others

----- (separator) -----  
-----

== Dependency  
@nexucis/fuzzy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Augustin Husson

----- (separator) -----  
-----

== Dependency  
@nexucis/kvsearch

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Augustin Husson

----- (separator) -----  
-----

== Dependency  
@prometheus-io/app

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 The Prometheus Authors

----- (separator) -----  
-----

== Dependency  
@prometheus-io/codemirror-promql

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 The Prometheus Authors

----- (separator) -----  
-----

== Dependency  
@prometheus-io/lezer-promql

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2021 The Prometheus Authors

----- (separator) -----  
-----

== Dependency  
@types/http-proxy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.

----- (separator) -----  
-----

== Dependency  
@types/node

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Microsoft Corporation.

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
anymatch

== License Type  
The ISC License

Copyright (c) 2019 Elan Shanker, Paul Miller (<https://paulmillr.com>)

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2019 Elan Shanker, Paul Miller (<https://paulmillr.com>)

----- (separator) -----  
-----

== Dependency  
binary-extensions

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Sindre Sorhus <[sindresorhus@gmail.com](mailto:sindresorhus@gmail.com)>  
(<https://sindresorhus.com>), Paul Miller (<https://paulmillr.com>)

----- (separator) -----  
-----

== Dependency  
bootstrap

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2022 Twitter, Inc.  
Copyright (c) 2011-2022 The Bootstrap Authors

----- (separator) -----  
-----

== Dependency

---

braces

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2018, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
call-bind

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Jordan Harband

----- (separator) -----  
-----

== Dependency  
chokidar

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012-2019 Paul Miller (<https://paulmillr.com>), Elan Shanker

----- (separator) -----  
-----

== Dependency  
classnames

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 Jed Watson

----- (separator) -----  
-----

== Dependency  
compute-scroll-into-view

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2023 Cody Olsen

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
copy-to-clipboard

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 sudodoki <smd.deluzion@gmail.com>

----- (separator) -----  
-----

== Dependency  
crelt

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2020 by Marijn Haverbeke <marijnh@gmail.com>

----- (separator) -----  
-----

== Dependency  
css.escape

== License Type  
SPDX:MIT

== Copyright  
Copyright Mathias Bynens <<https://mathiasbynens.be/>>

----- (separator) -----  
-----

== Dependency  
deep-equal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2012, 2013, 2014 James Halliday <[mail@substack.net](mailto:mail@substack.net)>, 2009  
Thomas Robinson <[280north.com](mailto:280north.com)>

----- (separator) -----  
-----

== Dependency  
deepmerge

== License Type

---

SPDX:MIT

== Copyright

Copyright (c) 2012 James Halliday, Josh Duff, and other contributors

----- (separator) -----  
-----

== Dependency

define-properties

== License Type

SPDX:MIT

== Copyright

Copyright (C) 2015 Jordan Harband

----- (separator) -----  
-----

== Dependency

dom-helpers

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Jason Quense

----- (separator) -----  
-----

== Dependency

dom-serializer

== License Type

SPDX:MIT

== Copyright

Copyright © 2022 The Cheerio contributors

----- (separator) -----  
-----

== Dependency

domelementtype

== License Type

Copyright (c) Felix B^hm

All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

## Third-Party Notices

---

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) Felix B^hm

----- (separator) -----  
-----

== Dependency  
domhandler

== License Type  
Copyright (c) Felix B^hm  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

== Copyright  
Copyright (c) Felix B^hm

----- (separator) -----  
-----

== Dependency  
domutils

== License Type  
Copyright (c) Felix B^hm  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) Felix B^hm

----- (separator) -----  
-----

== Dependency  
downshift

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 PayPal

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
entities

== License Type  
Copyright (c) Felix B^hm  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) Felix B^hm

----- (separator) -----  
-----

== Dependency  
escape-string-regexp

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>  
(<https://sindresorhus.com>)

----- (separator) -----  
-----

== Dependency  
eventemitter3

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Arnout Kazemier

----- (separator) -----  
-----

== Dependency  
fill-range

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-present, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
follow-redirects

== License Type  
SPDX:MIT

== Copyright  
Copyright 2014-present Olivier Lalonde <olalonde@gmail.com>, James Talmage  
<james@talmage.io>, Ruben Verborgh

----- (separator) -----  
-----

== Dependency  
fsevents

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2010-2020 by Philipp Dunkel, Ben Noordhuis, Elan Shankar,  
Paul Miller

----- (separator) -----  
-----

== Dependency  
function-bind

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Raynos.

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
functions-have-names

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Jordan Harband

----- (separator) -----  
-----

== Dependency  
get-intrinsic

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2020 Jordan Harband

----- (separator) -----  
-----

== Dependency  
glob-parent

== License Type  
The ISC License

Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz  
<blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other  
contributors

Permission to use, copy, modify, and/or distribute this software for any  
purpose with or without fee is hereby granted, provided that the above  
copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES  
WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF  
MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR  
ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES  
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN  
ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR  
IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2015, 2019 Elan Shanker, 2021 Blaine Bublitz  
<blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other  
contributors

```
----- (separator) -----  
-----  
  
== Dependency  
gud  
  
== License Type  
SPDX:MIT  
  
== Copyright  
(no copyright notices found)  
  
----- (separator) -----  
-----  
  
== Dependency  
has-property-descriptors  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2022 Inspect JS  
  
----- (separator) -----  
-----  
  
== Dependency  
has-proto  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2022 Inspect JS  
  
----- (separator) -----  
-----  
  
== Dependency  
has-symbols  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016 Jordan Harband  
  
----- (separator) -----  
-----  
  
== Dependency  
has-tostringtag  
  
== License Type
```

## Third-Party Notices

---

SPDX:MIT

== Copyright  
Copyright (c) 2021 Inspect JS

----- (separator) -----  
-----

== Dependency  
has

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Thiago de Arruda

----- (separator) -----  
-----

== Dependency  
history

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) React Training 2016-2020  
Copyright (c) Remix Software 2020-2021

----- (separator) -----  
-----

== Dependency  
hoist-non-react-statics

== License Type  
Software License Agreement (BSD License)  
=====

Copyright (c) 2015, Yahoo! Inc. All rights reserved.  
-----

Redistribution and use of this software in source and binary forms, with  
or  
without modification, are permitted provided that the following conditions  
are  
met:

- \* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation

and/or other materials provided with the distribution.

\* Neither the name of Yahoo! Inc. nor the names of YUI's contributors may be used to endorse or promote products derived from this software without specific prior written permission of Yahoo! Inc.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright  
Copyright (c) 2015, Yahoo! Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
htmlparser2

== License Type  
SPDX:MIT

== Copyright  
Copyright 2010, 2011, Chris Winberry <chris@winberry.net>. All rights reserved.

----- (separator) -----  
-----

== Dependency  
http-proxy-middleware

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015 Steven Chim

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
http-proxy

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2010-2016 Charlie Robbins, Jarrett Cruger & the  
Contributors.

----- (separator) -----  
-----

== Dependency  
immutable

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-present, Lee Byron and other contributors.

----- (separator) -----  
-----

== Dependency  
is-arguments

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Jordan Harband

----- (separator) -----  
-----

== Dependency  
is-binary-path

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Sindre Sorhus <sindresorhus@gmail.com>  
(<https://sindresorhus.com>), Paul Miller (<https://paulmillr.com>)

----- (separator) -----  
-----

== Dependency  
is-date-object

== License Type  
SPDX:MIT

---

== Copyright  
Copyright (c) 2015 Jordan Harband

----- (separator) -----  
-----

== Dependency  
is-extglob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2016, Jon Schlinkert

----- (separator) -----  
-----

== Dependency  
is-glob

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2017, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
is-number

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-present, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
is-plain-obj

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com>  
(<https://sindresorhus.com>)

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
is-plain-object

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2017, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
is-regex

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Jordan Harband

----- (separator) -----  
-----

== Dependency  
isarray

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013 Julian Gruber <julian@juliangruber.com>

----- (separator) -----  
-----

== Dependency  
jquery.flot.tooltip

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2011-2016 Krzysztof Urbas (@krzysu).

----- (separator) -----  
-----

== Dependency  
jquery

== License Type  
SPDX:MIT

== Copyright  
Copyright OpenJS Foundation and other contributors, <https://openjsf.org/>

----- (separator) -----  
-----

== Dependency

js-tokens

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023  
Simon Lydell

----- (separator) -----  
-----

== Dependency

lodash

== License Type

SPDX:MIT

== Copyright

Copyright OpenJS Foundation and other contributors <<https://openjsf.org/>>

----- (separator) -----  
-----

== Dependency

loose-envify

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2015 Andres Suarez <[zertosh@gmail.com](mailto:zertosh@gmail.com)>

----- (separator) -----  
-----

== Dependency

lru-cache

== License Type

The ISC License

Copyright (c) 2010-2023 Isaac Z. Schlueter and Contributors

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR

## Third-Party Notices

---

ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright

Copyright (c) 2010-2023 Isaac Z. Schlueter and Contributors

----- (separator) -----  
-----

== Dependency

micromatch

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2014-present, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency

moment-timezone

== License Type

SPDX:MIT

== Copyright

Copyright (c) JS Foundation and other contributors

----- (separator) -----  
-----

== Dependency

moment

== License Type

SPDX:MIT

== Copyright

Copyright (c) JS Foundation and other contributors

----- (separator) -----  
-----

== Dependency

nanoid

== License Type

SPDX:MIT

== Copyright

---

Copyright 2017 Andrey Sitnik <andrey@sitnik.ru>

----- (separator) -----  
-----

== Dependency  
normalize-path

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014-2018, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
object-assign

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Sindre Sorhus <sindresorhus@gmail.com> (sindresorhus.com)

----- (separator) -----  
-----

== Dependency  
object-is

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Jordan Harband

----- (separator) -----  
-----

== Dependency  
object-keys

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2013 Jordan Harband

----- (separator) -----  
-----

== Dependency  
parse-srcset

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Alex Bell

----- (separator) -----  
-----

== Dependency  
path-to-regexp

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2014 Blake Embrey (hello@blakeembrey.com)

----- (separator) -----  
-----

== Dependency  
picocolors

== License Type  
ISC License

Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2021 Alexey Raspopov, Kostiantyn Denysov, Anton Verinov

----- (separator) -----  
-----

== Dependency  
picomatch

== License Type  
SPDX:MIT

== Copyright

---

Copyright (c) 2017-present, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
popper.js

== License Type  
SPDX:MIT

== Copyright  
Copyright © 2016 Federico Zivolo and contributors

----- (separator) -----  
-----

== Dependency  
postcss

== License Type  
SPDX:MIT

== Copyright  
Copyright 2013 Andrey Sitnik <andrey@sitnik.ru>

----- (separator) -----  
-----

== Dependency  
prop-types

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-present, Facebook, Inc.

----- (separator) -----  
-----

== Dependency  
react-copy-to-clipboard

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Nik Butenko

----- (separator) -----  
-----

== Dependency  
react-dom

## Third-Party Notices

---

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Meta Platforms, Inc. and affiliates.

----- (separator) -----  
-----

== Dependency  
react-infinite-scroll-component

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 react-infinite-scroll-component

----- (separator) -----  
-----

== Dependency  
react-is

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Meta Platforms, Inc. and affiliates.

----- (separator) -----  
-----

== Dependency  
react-is

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Meta Platforms, Inc. and affiliates.

----- (separator) -----  
-----

== Dependency  
react-is

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Meta Platforms, Inc. and affiliates.

----- (separator) -----  
-----

---

== Dependency  
react-lifecycles-compat

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-present, Facebook, Inc.

----- (separator) -----  
-----

== Dependency  
react-popper

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2018 React Popper authors

----- (separator) -----  
-----

== Dependency  
react-resize-detector

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Denis Rul

----- (separator) -----  
-----

== Dependency  
react-router-dom

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) React Training LLC 2015-2019  
Copyright (c) Remix Software Inc. 2020-2021  
Copyright (c) Shopify Inc. 2022-2023

----- (separator) -----  
-----

== Dependency  
react-router

== License Type  
SPDX:MIT

## Third-Party Notices

---

== Copyright

Copyright (c) React Training LLC 2015-2019  
Copyright (c) Remix Software Inc. 2020-2021  
Copyright (c) Shopify Inc. 2022-2023

----- (separator) -----  
-----

== Dependency

react-shallow-renderer

== License Type

SPDX:MIT

== Copyright

Copyright (c) Facebook, Inc. and its affiliates.

----- (separator) -----  
-----

== Dependency

react-test-renderer

== License Type

SPDX:MIT

== Copyright

Copyright (c) Meta Platforms, Inc. and affiliates.

----- (separator) -----  
-----

== Dependency

react-transition-group

== License Type

SPDX:BSD-3-Clause

== Copyright

Copyright (c) 2018, React Community  
Copyright 2013-present, Facebook, Inc.

----- (separator) -----  
-----

== Dependency

react

== License Type

SPDX:MIT

== Copyright

Copyright (c) Meta Platforms, Inc. and affiliates.

```
----- (separator) -----  
-----  
  
== Dependency  
reactstrap  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2016-Present Eddy Hernandez, Chris Burrell, Evan Sharp  
  
----- (separator) -----  
-----  
  
== Dependency  
readdirp  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2012-2019 Thorsten Lorenz, Paul Miller  
(https://paulmillr.com)  
  
----- (separator) -----  
-----  
  
== Dependency  
regenerator-runtime  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (c) 2014-present, Facebook, Inc.  
  
----- (separator) -----  
-----  
  
== Dependency  
regexp.prototype.flags  
  
== License Type  
SPDX:MIT  
  
== Copyright  
Copyright (C) 2014 Jordan Harband  
  
----- (separator) -----  
-----  
  
== Dependency  
requires-port  
  
== License Type
```

## Third-Party Notices

---

SPDX:MIT

== Copyright

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

----- (separator) -----  
-----

== Dependency

resolve-pathname

== License Type

SPDX:MIT

== Copyright

Copyright (c) Michael Jackson 2016-2018

----- (separator) -----  
-----

== Dependency

sanitize-html

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2013, 2014, 2015 P'unk Avenue LLC

----- (separator) -----  
-----

== Dependency

sass

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2016, Google Inc.

----- (separator) -----  
-----

== Dependency

scheduler

== License Type

SPDX:MIT

== Copyright

Copyright (c) Meta Platforms, Inc. and affiliates.

----- (separator) -----  
-----

---

== Dependency  
source-map-js

== License Type

Copyright (c) 2009-2011, Mozilla Foundation and contributors  
All rights reserved.

Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

\* Redistributions of source code must retain the above copyright notice,  
this  
list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright  
notice,  
this list of conditions and the following disclaimer in the  
documentation  
and/or other materials provided with the distribution.

\* Neither the names of the Mozilla Foundation nor the names of project  
contributors may be used to endorse or promote products derived from  
this  
software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE  
LIABLE  
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
LIABILITY,  
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright

Copyright (c) 2009-2011, Mozilla Foundation and contributors

----- (separator) -----  
-----

== Dependency  
style-mod

== License Type  
SPDX:MIT

## Third-Party Notices

---

== Copyright  
Copyright (C) 2018 by Marijn Haverbeke <marijnh@gmail.com> and others

----- (separator) -----  
-----

== Dependency  
tempusdominus-bootstrap-4

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Tempus Dominus

----- (separator) -----  
-----

== Dependency  
tempusdominus-core

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 Tempus Dominus

----- (separator) -----  
-----

== Dependency  
throttle-debounce

== License Type  
SPDX:GPL-2.0

== Copyright  
Copyright (c) Ivan Nikolic <<http://ivannikolic.com>>  
Copyright (c) 2010 ""Cowboy"" Ben Alman

----- (separator) -----  
-----

== Dependency  
tiny-invariant

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Alexander Reardon

----- (separator) -----  
-----

---

== Dependency  
tiny-warning

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2019 Alexander Reardon

----- (separator) -----  
-----

== Dependency  
to-regex-range

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015-present, Jon Schlinkert.

----- (separator) -----  
-----

== Dependency  
toggle-selection

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 sudodoki <smd.deluzion@gmail.com>

----- (separator) -----  
-----

== Dependency  
tslib

== License Type  
SPDX:BSD-0-Clause

== Copyright  
Copyright (c) Microsoft Corporation.

----- (separator) -----  
-----

== Dependency  
typed-styles

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017 Artur Kenzhaev

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
value-equal

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) Michael Jackson 2016-2018

----- (separator) -----  
-----

== Dependency  
w3c-keyname

== License Type  
SPDX:MIT

== Copyright  
Copyright (C) 2016 by Marijn Haverbeke <marijnh@gmail.com> and others

----- (separator) -----  
-----

== Dependency  
warning

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2013-present, Facebook, Inc.

----- (separator) -----  
-----

== Dependency  
yallist

== License Type  
SPDX:ISC

== Copyright  
Copyright (c) Isaac Z. Schlueter and Contributors

----- Licenses -----  
-----

----- (separator) -----  
-----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative

## Third-Party Notices

---

Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that  
You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the  
Source form of the Work, excluding those notices that do not pertain to any  
part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution,  
then any Derivative Works that You distribute must include a readable copy of  
the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least  
one of the following places: within a NOTICE text file distributed as part of  
the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.  
The contents of the NOTICE file are for informational purposes only and do not  
modify the License. You may add Your own attribution notices within Derivative  
Works that You distribute, alongside or as an addendum to the NOTICE text from  
the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide  
additional or different license terms and conditions for use, reproduction, or  
distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise  
complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

## Third-Party Notices

---

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
 =====  
 == SPDX:BSD-0-Clause

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----  
 =====  
 == SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

## Third-Party Notices

---

DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
-----
== SPDX:BSD-3-Clause--modified-by-Google
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
----- (separator) -----
-----
== SPDX:GPL-2.0
```

GNU GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

## Third-Party Notices

---

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

## Third-Party Notices

---

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;
- or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions

## Third-Party Notices

---

either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

----- (separator) -----  
-----  
== SPDX:GPL-3.0

### GNU GENERAL PUBLIC LICENSE Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <<http://fsf.org/>>  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

### Preamble

The GNU General Public License is a free, copyleft license for

software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS

#### 0. Definitions.

""This License"" refers to version 3 of the GNU General Public License.

""Copyright"" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

""The Program"" refers to any copyrightable work licensed under this License. Each licensee is addressed as ""you"". ""Licensees"" and ""recipients"" may be individuals or organizations.

To ""modify"" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a ""modified version"" of the earlier work or a work ""based on"" the earlier work.

A ""covered work"" means either the unmodified Program or a work based on the Program.

To ""propagate"" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To ""convey"" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays ""Appropriate Legal Notices"" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

#### 1. Source Code.

The ""source code"" for a work means the preferred form of the work for making modifications to it. ""Object code"" means any non-source form of a work.

A ""Standard Interface"" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

## 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

### 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

### 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ""keep intact all notices"".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding

## Third-Party Notices

---

Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

### 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this

License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

### 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever

licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or

arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

### 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

### 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

#### 15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

#### 16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

## Third-Party Notices

---

----- (separator) -----  
-----  
== SPDX:ISC

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

----- (separator) -----  
-----  
== SPDX:MPL-2.0

Mozilla Public License Version 2.0

## 1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become

---

effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

### 3. Responsibilities

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

#### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

#### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including

copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

### 4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

### 5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means,

## Third-Party Notices

---

this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

### 6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

### 7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or

---

consequential damages, so this exclusion and limitation may not apply to You.

#### 8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

#### 10. Versions of the License

##### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

##### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

##### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

##### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

## Third-Party Notices

---

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

### Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

### Exhibit B - ""Incompatible With Secondary Licenses"" Notice

This Source Code Form is ""Incompatible With Secondary Licenses"", as defined by the Mozilla Public License, v. 2.0.

"

**The Prometheus Authors, Prometheus Go client library, 1.15.0, "4460-----  
----- Top-Level License -----  
SPDX:Apache-2.0**

----- Copyright -----  
-----

Copyright (c) 2013, The Prometheus Authors  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bjørn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

----- Notices -----  
-----

Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at

SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
 Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein  
 See <https://github.com/beorn7/perks/blob/master/README.md> for license details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
 Copyright 2010 The Go Authors  
 See source code for license details.

Support for streaming Protocol Buffer messages for the Go language (golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
 Copyright 2013 Matt T. Proud  
 Licensed under the Apache License, Version 2.0

----- Fourth Party Dependencies -----  
 -----

----- Licenses -----  
 -----

- Apache-2.0
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----  
 -----

== Dependency  
[github.com/beorn7/perks](https://github.com/beorn7/perks)

== License Type  
 SPDX:MIT

== Copyright  
 Copyright (C) 2013 Blake Mizerany

----- (separator) -----  
 -----

== Dependency  
[github.com/cespare/xxhash/v2](https://github.com/cespare/xxhash/v2)

== License Type  
 SPDX:MIT

== Copyright  
 Copyright (c) 2016 Caleb Spare

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/davecgh/go-spew

== License Type  
4462ISC License

Copyright (c) 2012-2016 Dave Collins <dave@davec.name>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

== Copyright  
Copyright (c) 2012-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2013 Dave Collins <dave@davec.name>  
Copyright (c) 2013-2016 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2016 Dave Collins <dave@davec.name>

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
-----

---

== Dependency  
github.com/jessicalins/instrumentation-practices-examples/middleware

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, The Prometheus Authors  
Copyright (c) 2015 Bj^rn Rabenstein  
Copyright 2010 The Go Authors  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Matt T. Proud  
Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Prometheus instrumentation library for Go applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

perks - a fork of <https://github.com/bmizerany/perks>  
<https://github.com/beorn7/perks>  
Copyright 2013-2015 Blake Mizerany, Bj^rn Rabenstein  
See <https://github.com/beorn7/perks/blob/master/README.md> for license  
details.

Go support for Protocol Buffers - Google's data interchange format  
<http://github.com/golang/protobuf/>  
Copyright 2010 The Go Authors  
See source code for license details.

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

github.com/json-iterator/go

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2016 json-iterator

----- (separator) -----  
-----

== Dependency  
github.com/matttproud/golang\_protobuf\_extensions

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)  
Copyright 2013 Matt T. Proud  
Copyright 2016 Matt T. Proud

== Notices  
Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/concurrent

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/modern-go/reflect2

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/client\_model

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Prometheus Team

== Notices  
Data model artifacts for Prometheus.  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/common](https://github.com/prometheus/common)

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2011, Open Knowledge Foundation Ltd.  
Copyright 2013 The Prometheus Authors  
Copyright 2014 The Prometheus Authors  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2020 The Prometheus-operator Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

== Notices  
Common libraries shared by Prometheus Go components.  
Copyright 2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

== Dependency  
[github.com/prometheus/procfs](https://github.com/prometheus/procfs)

== License Type  
SPDX:Apache-2.0

== Copyright

## Third-Party Notices

---

Copyright 2014 Prometheus Team  
Copyright 2014-2015 The Prometheus Authors  
Copyright 2017 Prometheus Team  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors  
Copyright 2019 The Prometheus Authors  
Copyright 2020 The Prometheus Authors  
Copyright 2021 The Prometheus Authors  
Copyright 2022 The Prometheus Authors

### == Notices

procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (<http://soundcloud.com/>).

----- (separator) -----  
-----

### == Dependency

[golang.org/x/sys](http://golang.org/x/sys)

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section)

patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent

## Third-Party Notices

---

infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

```
----- Licenses -----  
-----  
----- (separator) -----  
-----  
== SPDX:Apache-2.0
```

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is

included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You

## Third-Party Notices

---

under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License,

without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

## Third-Party Notices

---

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----

---

```
== SPDX:MIT
```

```
Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the ""Software""), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
```

```
The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.
```

```
THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE
SOFTWARE.
```

```
447344734473"
```

```
The gRPC Authors,grpc-go,1.54.0,
```

```
"4473----- Top-Level License -----
-----"
```

```
SPDX:Apache-2.0
```

```
----- Copyright -----
-----"
```

```
Copyright 2014 gRPC authors.
Copyright 2015 The gRPC Authors
Copyright 2015 gRPC authors.
Copyright 2015-2016 gRPC authors.
Copyright 2016 The gRPC Authors
Copyright 2016 gRPC authors.
Copyright 2017 gRPC authors.
Copyright 2018 The gRPC Authors
Copyright 2018 gRPC authors.
Copyright 2019 gRPC authors.
Copyright 2020 The gRPC Authors
Copyright 2020 gRPC authors.
Copyright 2021 gRPC authors.
Copyright 2022 gRPC authors.
Copyright 2023 gRPC authors.
```

```
----- Notices -----
-----"
```

```
Copyright 2014 gRPC authors.
```

## Third-Party Notices

---

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/compute/metadata

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/logging

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2018 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/longrunning

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC  
Copyright 2020 Google LLC  
Copyright 2020, Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/monitoring

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
contrib.go.opencensus.io/exporter/stackdriver

== License Type  
SPDX:Apache-2.0

== Copyright

## Third-Party Notices

---

Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors  
Copyright 2019, OpenCensus Authors  
Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
github.com/antlr/antlr4/runtime/Go/antlr

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.  
Copyright 2021 The ANTLR Project

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Carl Jackson  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

== Notices  
AWS SDK for Go  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2014-2015 Stripe, Inc.

----- (separator) -----  
-----

== Dependency  
github.com/census-instrumentation/opencensus-proto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016-18, OpenCensus Authors  
Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors

```
----- (separator) -----
-----

== Dependency
github.com/cespare/xxhash/v2

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2016 Caleb Spare

----- (separator) -----
-----

== Dependency
github.com/cncf/udpa/go

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/cncf/xds/go

== License Type
SPDX:Apache-2.0

== Copyright
(no copyright notices found)

----- (separator) -----
-----

== Dependency
github.com/envoyproxy/go-control-plane

== License Type
SPDX:Apache-2.0

== Copyright
Copyright 2018 Envoyproxy Authors
Copyright 2019 Envoyproxy Authors
Copyright 2020 Envoyproxy Authors

----- (separator) -----
-----

== Dependency
github.com/envoyproxy/protoc-gen-validate
```

## Third-Party Notices

---

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2019 Envoy Project Authors

== Notices  
protoc-gen-validate  
Copyright 2019 Envoy Project Authors

Licensed under Apache License 2.0. See LICENSE for terms.

----- (separator) -----  
-----

== Dependency  
github.com/golang/glog

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2013 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/grouper

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/golang/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2020 The Go Authors. All rights reserved.

----- (separator) -----  
 -----

== Dependency  
 github.com/google/cel-go

== License Type  
 44794479 Apache License  
 Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

the

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
=
The common/types/pb/equal.go modification of proto.Equal logic
=====
=
Copyright (c) 2018 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

```
== Copyright
Copyright (c) 2018 The Go Authors. All rights reserved.
Copyright 2018 Google LLC
Copyright 2019 Google LLC
Copyright 2020 Google LLC
Copyright 2021 Google LLC
Copyright 2022 Google LLC
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/google/go-cmp
```

## Third-Party Notices

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/enterprise-certificate-proxy

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2022 Google LLC.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/gax-go/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2016, Google Inc.  
Copyright 2018, Google Inc.  
Copyright 2019, Google Inc.  
Copyright 2021 Google LLC  
Copyright 2021, Google Inc.  
Copyright 2022 Google LLC  
Copyright 2022, Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/prometheus

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright (c) 2013, The GoGo Authors.  
Copyright (c) 2014 Ben Johnson  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright 2011 The Snappy-Go Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2012 Matt York  
Copyright 2012 Suryandaru Triandana  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Google Inc.  
Copyright 2013 Matt T. Proud  
Copyright 2013 The Prometheus Authors  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2014 The Prometheus Authors  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The OMetheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors

== Notices  
The Prometheus systems and service monitoring server  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

## Third-Party Notices

---

Bootstrap  
<http://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

bootstrap3-typeahead.js  
<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

fuzzy  
<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

bootstrap-datetimepicker.js  
<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

moment.js  
<https://github.com/moment/moment/>  
Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw  
<https://github.com/shutterstock/rickshaw>  
Copyright 2011-2014 by Shutterstock Images, LLC  
See <https://github.com/shutterstock/rickshaw/blob/master/LICENSE> for  
license details

mustache.js  
<https://github.com/janl/mustache.js>  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Licensed under the MIT License

jQuery  
<https://jquery.org>  
Copyright jQuery Foundation and other contributors  
Licensed under the MIT License

Protocol Buffers for Go with Gadgets  
<http://github.com/gogo/protobuf/>  
Copyright (c) 2013, The GoGo Authors.  
See source code for license details.

Go support for leveled logs, analogous to  
<https://code.google.com/p/google-glog/>  
Copyright 2013 Google Inc.  
Licensed under the Apache License, Version 2.0

---

Support for streaming Protocol Buffer messages for the Go language  
(golang).

[https://github.com/matttpproud/golang\\_protobuf\\_extensions](https://github.com/matttpproud/golang_protobuf_extensions)

Copyright 2013 Matt T. Proud

Licensed under the Apache License, Version 2.0

DNS library in Go

<http://miek.nl/posts/2014/Aug/16/go-dns-package/>

Copyright 2009 The Go Authors, 2011 Miek Gieben

See <https://github.com/miekg/dns/blob/master/LICENSE> for license details.

LevelDB key/value database in Go

<https://github.com/syndtr/goleveldb>

Copyright 2012 Suryandaru Triandana

See <https://github.com/syndtr/goleveldb/blob/master/LICENSE> for license details.

gosnappy - a fork of [code.google.com/p/snappy-go](http://code.google.com/p/snappy-go)

<https://github.com/syndtr/gosnappy>

Copyright 2011 The Snappy-Go Authors

See <https://github.com/syndtr/gosnappy/blob/master/LICENSE> for license details.

go-zookeeper - Native ZooKeeper client for Go

<https://github.com/samuel/go-zookeeper>

Copyright (c) 2013, Samuel Stauffer <[samuel@descolada.com](mailto:samuel@descolada.com)>

See <https://github.com/samuel/go-zookeeper/blob/master/LICENSE> for license details.

----- (separator) -----  
-----

== Dependency

[github.com/stoewer/go-strcase](https://github.com/stoewer/go-strcase)

== License Type

SPDX:MIT

== Copyright

Copyright (c) 2017, A. Stoewer <[adrian.stoewer@rz.ifi.lmu.de](mailto:adrian.stoewer@rz.ifi.lmu.de)>

Copyright (c) 2017, Adrian Stoewer <[adrian.stoewer@rz.ifi.lmu.de](mailto:adrian.stoewer@rz.ifi.lmu.de)>

----- (separator) -----  
-----

== Dependency

[go.opencensus.io](https://go.opencensus.io)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2017, OpenCensus Authors

Copyright 2018, OpenCensus Authors

Copyright 2019, OpenCensus Authors

## Third-Party Notices

---

Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/net

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

## Third-Party Notices

---

golang.org/x/oauth2

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2014 The Go Authors. All rights reserved.

Copyright 2015 The Go Authors. All rights reserved.

Copyright 2015 The oauth2 Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2017 The oauth2 Authors. All rights reserved.

Copyright 2018 The Go Authors. All rights reserved.

Copyright 2018 The oauth2 Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

Copyright 2020 The Go Authors. All rights reserved.

Copyright 2021 The Go Authors. All rights reserved.

Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency

golang.org/x/sync

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.

Copyright 2013 The Go Authors. All rights reserved.

Copyright 2016 The Go Authors. All rights reserved.

Copyright 2017 The Go Authors. All rights reserved.

Copyright 2019 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent

infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/sys

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go

## Third-Party Notices

---

shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
golang.org/x/text

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency  
google.golang.org/api

---

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.  
Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 Google LLC.  
Copyright 2022 Google LLC. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2015 Google LLC  
Copyright 2016 Google Inc.  
Copyright 2016 Google LLC  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 Google LLC  
Copyright 2018 The Grafeas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Grafeas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.

## Third-Party Notices

---

Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Grafeas Authors. All rights reserved.  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/cmd/protoc-gen-go-grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/examples

== License Type  
SPDX:Apache-2.0

## == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

## == Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

## == Dependency

google.golang.org/grpc/gcp/observability

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.

## Third-Party Notices

---

Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/grpc/interop/observability](https://google.golang.org/grpc/interop/observability)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/security/advancedtls

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/security/advancedtls/examples

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

### == Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

### == Dependency

google.golang.org/grpc/security/authorization

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.

---

Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/grpc/stats/opencensus](https://google.golang.org/grpc/stats/opencensus)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/test/tools

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
 Copyright 2008 Google Inc. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved.  
 Copyright 2018 The Go Authors. All rights reserved."  
 Copyright 2019 The Go Authors. All rights reserved.  
 Copyright 2019 The Go Authors. All rights reserved."  
 Copyright 2020 The Go Authors. All rights reserved.  
 Copyright 2021 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
 -----

----- (separator) -----  
 -----

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the

## Third-Party Notices

---

copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code

control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution,

## Third-Party Notices

---

then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages,

including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

## Third-Party Notices

---

== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
 -----  
 == SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

450745074507"

**The gRPC Authors,grpc-go,1.59.0,"**

----- Top-Level License -----  
 -----  
 SPDX:Apache-2.0

----- Copyright -----  
 -----

## Third-Party Notices

---

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

----- Notices -----  
-----

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-3-Clause
- BSD-3-Clause--modified-by-Google
- MIT

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/compute/metadata

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 Google LLC  
Copyright 2016 Google LLC  
Copyright 2018 Google LLC

---

Copyright 2021 Google LLC  
Copyright 2022 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/logging

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC  
Copyright 2017 Google LLC  
Copyright 2018 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/longrunning

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 Google LLC  
Copyright 2020 Google LLC  
Copyright 2020, Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
cloud.google.com/go/monitoring

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

## Third-Party Notices

---

== Dependency  
cloud.google.com/go/trace

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Google LLC  
Copyright 2020 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
contrib.go.opencensus.io/exporter/stackdriver

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors  
Copyright 2019, OpenCensus Authors  
Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
github.com/antlr/antlr4/runtime/Go/antlr/v4

== License Type  
SPDX:BSD-3-Clause

== Copyright  
Copyright (c) 2012-2022 The ANTLR Project. All rights reserved.  
Copyright 2021 The ANTLR Project

----- (separator) -----  
-----

== Dependency  
github.com/aws/aws-sdk-go

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2016 Carl Jackson  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014-2015 Stripe, Inc.  
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.  
Copyright 2017 Amazon.com, Inc. or its affiliates. All Rights Reserved.

## == Notices

AWS SDK for Go

Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Copyright 2014-2015 Stripe, Inc.

----- (separator) -----  
-----

## == Dependency

github.com/census-instrumentation/opencensus-proto

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2016-18, OpenCensus Authors

Copyright 2017, OpenCensus Authors

Copyright 2018, OpenCensus Authors

----- (separator) -----  
-----

## == Dependency

github.com/cespare/xxhash/v2

## == License Type

SPDX:MIT

## == Copyright

Copyright (c) 2016 Caleb Spare

----- (separator) -----  
-----

## == Dependency

github.com/cncf/udpa/go

## == License Type

SPDX:Apache-2.0

## == Copyright

(no copyright notices found)

----- (separator) -----  
-----

## == Dependency

github.com/cncf/xds/go

## == License Type

SPDX:Apache-2.0

## == Copyright

(no copyright notices found)

## Third-Party Notices

---

----- (separator) -----  
-----

== Dependency  
github.com/envoyproxy/go-control-plane

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2018 Envoyproxy Authors  
Copyright 2019 Envoyproxy Authors  
Copyright 2020 Envoyproxy Authors  
Copyright 2022 Envoyproxy Authors

----- (separator) -----  
-----

== Dependency  
github.com/envoyproxy/protoc-gen-validate

== License Type  
SPDX:Apache-2.0

== Copyright  
(no copyright notices found)

----- (separator) -----  
-----

== Dependency  
github.com/golang/glog

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2023 Google Inc. All Rights Reserved.

----- (separator) -----  
-----

== Dependency  
github.com/golang/grouper

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2012 Google Inc.  
Copyright 2013 Google Inc.

----- (separator) -----  
-----

---

```
== Dependency
github.com/golang/protobuf
```

```
== License Type
SPDX:BSD-3-Clause--modified-by-Google
```

```
== Copyright
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2010 The Go Authors. All rights reserved.
Copyright 2011 The Go Authors. All rights reserved.
Copyright 2014 The Go Authors. All rights reserved.
Copyright 2015 The Go Authors. All rights reserved.
Copyright 2015 The Go Authors. All rights reserved.
Copyright 2016 The Go Authors. All rights reserved.
Copyright 2017 The Go Authors. All rights reserved.
Copyright 2018 The Go Authors. All rights reserved.
Copyright 2019 The Go Authors. All rights reserved.
Copyright 2020 The Go Authors. All rights reserved.
```

```
----- (separator) -----
-----
```

```
== Dependency
github.com/google/cel-go
```

```
== License Type
```

```
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/
```

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

```
=====
=
The common/types/pb/equal.go modification of proto.Equal logic
=====
=
Copyright (c) 2018 The Go Authors. All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

### == Copyright

Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2019 Google LLC  
Copyright 2020 Google LLC  
Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

### == Dependency

github.com/google/go-cmp

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright 2017, The Go Authors. All rights reserved.  
Copyright 2018, The Go Authors. All rights reserved.  
Copyright 2019, The Go Authors. All rights reserved.  
Copyright 2020, The Go Authors. All rights reserved.

----- (separator) -----  
-----

### == Dependency

github.com/google/s2a-go

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2021 Google LLC  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

### == Dependency

github.com/google/uuid

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.  
Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/enterprise-certificate-proxy

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2022 Google LLC.

----- (separator) -----  
-----

== Dependency  
github.com/googleapis/gax-go/v2

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright 2016, Google Inc.  
Copyright 2018, Google Inc.  
Copyright 2019, Google Inc.  
Copyright 2021 Google LLC  
Copyright 2021, Google Inc.  
Copyright 2022 Google LLC  
Copyright 2022, Google Inc.

----- (separator) -----  
-----

== Dependency  
github.com/jmespath/go-jmespath

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 James Saryerwinnie

----- (separator) -----  
-----

== Dependency  
github.com/prometheus/prometheus

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
Copyright (c) 2013, The GoGo Authors.  
Copyright (c) 2014 Ben Johnson

## Third-Party Notices

---

Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Copyright 2011 The Snappy-Go Authors  
Copyright 2011-2014 Twitter, Inc.  
Copyright 2011-2014 by Shutterstock Images, LLC  
Copyright 2012 Matt York  
Copyright 2012 Suryandaru Triandana  
Copyright 2012-2015 The Prometheus Authors  
Copyright 2013 Google Inc.  
Copyright 2013 Matt T. Proud  
Copyright 2013 The Prometheus Authors  
Copyright 2014 Bass Jobsen @bassjobsen  
Copyright 2014 The Prometheus Authors  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Copyright 2015 The Prometheus Authors  
Copyright 2016 The Prometheus Authors  
Copyright 2017 The OMetheus Authors  
Copyright 2017 The Prometheus Authors  
Copyright 2018 The Prometheus Authors

### == Notices

The Prometheus systems and service monitoring server  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

The following components are included in this product:

#### Bootstrap

<http://getbootstrap.com>  
Copyright 2011-2014 Twitter, Inc.  
Licensed under the MIT License

#### bootstrap3-typeahead.js

<https://github.com/bassjobsen/Bootstrap-3-Typeahead>  
Original written by @mdo and @fat  
Copyright 2014 Bass Jobsen @bassjobsen  
Licensed under the Apache License, Version 2.0

#### fuzzy

<https://github.com/mattyork/fuzzy>  
Original written by @mattyork  
Copyright 2012 Matt York  
Licensed under the MIT License

#### bootstrap-datetimepicker.js

<https://github.com/Eonasdan/bootstrap-datetimepicker>  
Copyright 2015 Jonathan Peterson (@Eonasdan)  
Licensed under the MIT License

#### moment.js

<https://github.com/moment/moment/>

---

Copyright JS Foundation and other contributors  
Licensed under the MIT License

Rickshaw  
<https://github.com/shutterstock/rickshaw>  
Copyright 2011-2014 by Shutterstock Images, LLC  
See <https://github.com/shutterstock/rickshaw/blob/master/LICENSE> for  
license details

mustache.js  
<https://github.com/janl/mustache.js>  
Copyright 2009 Chris Wanstrath (Ruby)  
Copyright 2010-2014 Jan Lehnardt (JavaScript)  
Copyright 2010-2015 The mustache.js community  
Licensed under the MIT License

jQuery  
<https://jquery.org>  
Copyright jQuery Foundation and other contributors  
Licensed under the MIT License

Protocol Buffers for Go with Gadgets  
<http://github.com/gogo/protobuf/>  
Copyright (c) 2013, The GoGo Authors.  
See source code for license details.

Go support for leveled logs, analogous to  
<https://code.google.com/p/google-glog/>  
Copyright 2013 Google Inc.  
Licensed under the Apache License, Version 2.0

Support for streaming Protocol Buffer messages for the Go language  
(golang).  
[https://github.com/matttproud/golang\\_protobuf\\_extensions](https://github.com/matttproud/golang_protobuf_extensions)  
Copyright 2013 Matt T. Proud  
Licensed under the Apache License, Version 2.0

DNS library in Go  
<http://miek.nl/posts/2014/Aug/16/go-dns-package/>  
Copyright 2009 The Go Authors, 2011 Miek Gieben  
See <https://github.com/miekg/dns/blob/master/LICENSE> for license details.

LevelDB key/value database in Go  
<https://github.com/syndtr/goleveldb>  
Copyright 2012 Suryandaru Triandana  
See <https://github.com/syndtr/goleveldb/blob/master/LICENSE> for license  
details.

gosnappy - a fork of [code.google.com/p/snappy-go](https://code.google.com/p/snappy-go)  
<https://github.com/syndtr/gosnappy>  
Copyright 2011 The Snappy-Go Authors  
See <https://github.com/syndtr/gosnappy/blob/master/LICENSE> for license  
details.

go-zookeeper - Native ZooKeeper client for Go  
<https://github.com/samuel/go-zookeeper>

## Third-Party Notices

---

Copyright (c) 2013, Samuel Stauffer <samuel@descolada.com>  
See <https://github.com/samuel/go-zookeeper/blob/master/LICENSE> for license details.

----- (separator) -----  
-----

== Dependency  
github.com/stoewer/go-strcase

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2017, A. Stoewer <adrian.stoewer@rz.ifi.lmu.de>  
Copyright (c) 2017, Adrian Stoewer <adrian.stoewer@rz.ifi.lmu.de>

----- (separator) -----  
-----

== Dependency  
go.opencensus.io

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2017, OpenCensus Authors  
Copyright 2018, OpenCensus Authors  
Copyright 2019, OpenCensus Authors  
Copyright 2020, OpenCensus Authors

----- (separator) -----  
-----

== Dependency  
golang.org/x/crypto

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2017 The Go Authors. All rights reserved.  
Copyright (c) 2019 The Go Authors. All rights reserved.  
Copyright (c) 2020 The Go Authors. All rights reserved.  
Copyright (c) 2021 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.

---

Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/exp

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/net

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

## == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

## == Dependency

golang.org/x/oauth2

## == License Type

SPDX:BSD-3-Clause--modified-by-Google

## == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2015 The oauth2 Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2017 The oauth2 Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The oauth2 Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.

----- (separator) -----  
-----

## == Dependency

golang.org/x/sync

## == License Type

## Third-Party Notices

---

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

golang.org/x/sys

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2009,2010 The Go Authors. All rights reserved.  
Copyright 2010 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All right reserved.

---

Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

== Dependency

golang.org/x/text

== License Type

SPDX:BSD-3-Clause--modified-by-Google

== Copyright

Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright 2009 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 The Go Authors. All rights reserved.  
Copyright 2013 The Go Authors. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.

## Third-Party Notices

---

### == Patents

Additional IP Rights Grant (Patents)

""This implementation"" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- (separator) -----  
-----

### == Dependency

google.golang.org/api

### == License Type

SPDX:BSD-3-Clause--modified-by-Google

### == Copyright

Copyright (c) 2011 Google Inc. All rights reserved.  
Copyright (c) 2013 Joshua Tacoma. All rights reserved.  
Copyright 2011 Google LLC. All rights reserved.  
Copyright 2012 Google LLC. All rights reserved.  
Copyright 2013 Google LLC. All rights reserved.  
Copyright 2013 Joshua Tacoma. All rights reserved.  
Copyright 2014 The Go Authors. All rights reserved.  
Copyright 2015 Google LLC  
Copyright 2015 Google LLC.  
Copyright 2015 The Go Authors. All rights reserved.  
Copyright 2016 Google LLC  
Copyright 2016 Google LLC.  
Copyright 2016 The Go Authors. All rights reserved.  
Copyright 2017 Google LLC.  
Copyright 2017 The Go Authors. All rights reserved.  
Copyright 2018 Google LLC  
Copyright 2018 Google LLC.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 Google LLC. All rights reserved.  
Copyright 2020 Google LLC.

---

Copyright 2020 Google LLC. All rights reserved.  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 Google LLC.  
Copyright 2021 Google LLC. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 Google LLC.  
Copyright 2022 Google LLC. All rights reserved.  
Copyright 2023 Google LLC.

----- (separator) -----  
-----

== Dependency  
google.golang.org/appengine

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2011 Google Inc. All Rights Reserved.  
Copyright 2011 Google Inc. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2011 The Go Authors. All rights reserved.  
Copyright 2012 Google Inc. All Rights Reserved.  
Copyright 2012 Google Inc. All rights reserved.  
Copyright 2013 Google Inc. All rights reserved.  
Copyright 2014 Google Inc. All rights reserved.  
Copyright 2015 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All Rights Reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2018 Google LLC. All rights reserved.  
Copyright 2019 Google Inc. All Rights Reserved.  
Copyright 2019 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright (c) 2015, Google Inc.  
Copyright 2016 Google Inc.  
Copyright 2017 Google Inc.  
Copyright 2018 Google Inc.  
Copyright 2018 The Graftas Authors. All rights reserved.  
Copyright 2019 Google LLC.  
Copyright 2019 The Graftas Authors. All rights reserved.  
Copyright 2020 Google LLC  
Copyright 2020 Google LLC.  
Copyright 2021 Google LLC  
Copyright 2021 Google LLC.  
Copyright 2021 The Graftas Authors. All rights reserved.

## Third-Party Notices

---

Copyright 2022 Google LLC  
Copyright 2023 Google LLC  
Copyright 2023 The Grafeas Authors. All rights reserved.

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto/googleapis/api

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2015 Google LLC  
Copyright 2016 Google LLC  
Copyright 2019 Google LLC.  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/genproto/googleapis/rpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2022 Google LLC  
Copyright 2023 Google LLC

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/cmd/protoc-gen-go-grpc

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.

---

Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/grpc/examples](http://google.golang.org/grpc/examples)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/examples/features/observability

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/gcp/observability

== License Type  
SPDX:Apache-2.0

## == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

## == Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

## == Dependency

google.golang.org/grpc/interop/observability

## == License Type

SPDX:Apache-2.0

## == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.

## Third-Party Notices

---

Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/grpc/security/advancedtls](https://google.golang.org/grpc/security/advancedtls)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/security/advancedtls/examples

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices  
Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/grpc/security/authorization

== License Type  
SPDX:Apache-2.0

## Third-Party Notices

---

### == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

### == Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

### == Dependency

[google.golang.org/grpc/stats/opencensus](https://google.golang.org/grpc/stats/opencensus)

### == License Type

SPDX:Apache-2.0

### == Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.

---

Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----

== Dependency

[google.golang.org/grpc/test/tools](https://google.golang.org/grpc/test/tools)

== License Type

SPDX:Apache-2.0

== Copyright

Copyright 2014 gRPC authors.  
Copyright 2015 The gRPC Authors  
Copyright 2015 gRPC authors.  
Copyright 2015-2016 gRPC authors.  
Copyright 2016 The gRPC Authors  
Copyright 2016 gRPC authors.  
Copyright 2017 gRPC authors.  
Copyright 2018 The gRPC Authors  
Copyright 2018 gRPC authors.  
Copyright 2019 gRPC authors.  
Copyright 2020 The gRPC Authors  
Copyright 2020 gRPC authors.  
Copyright 2021 gRPC authors.  
Copyright 2022 gRPC authors.  
Copyright 2023 gRPC authors.

== Notices

Copyright 2014 gRPC authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----

== Dependency  
google.golang.org/protobuf

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2018 The Go Authors. All rights reserved.  
Copyright 2008 Google Inc. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved.  
Copyright 2018 The Go Authors. All rights reserved."  
Copyright 2019 The Go Authors. All rights reserved.  
Copyright 2019 The Go Authors. All rights reserved."  
Copyright 2020 The Go Authors. All rights reserved.  
Copyright 2021 The Go Authors. All rights reserved.  
Copyright 2022 The Go Authors. All rights reserved.  
Copyright 2023 The Go Authors. All rights reserved.

== Patents  
Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by Google as part of the Go project.

Google hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer and otherwise run, modify and propagate the contents of this implementation of Go, where such license applies only to those patent claims, both currently owned or controlled by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of Go. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of Go or any code incorporated within this implementation of Go constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of Go shall terminate as of the date such litigation is filed.

----- Licenses -----  
-----

----- (separator) -----  
-----

---

== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an

## Third-Party Notices

---

original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that  
You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the  
Source form of the Work, excluding those notices that do not pertain to any  
part of the Derivative Works; and

(d) If the Work includes a ""NOTICE"" text file as part of its distribution,  
then any Derivative Works that You distribute must include a readable copy of  
the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least  
one of the following places: within a NOTICE text file distributed as part of  
the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear.  
The contents of the NOTICE file are for informational purposes only and do not  
modify the License. You may add Your own attribution notices within Derivative  
Works that You distribute, alongside or as an addendum to the NOTICE text from  
the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide  
additional or different license terms and conditions for use, reproduction, or  
distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise  
complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

## Third-Party Notices

---

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Third-Party Notices

---

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Thomas Klausner, InfluxDB::LineProtocol, 1.015,**  
"TOP-LEVEL copyright for InfluxDB::LineProtocol  
This software is copyright (c) 2016 - 2022 by Thomas Klausner.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for InfluxDB::LineProtocol

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided

that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this

## Third-Party Notices

---

Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid

anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all

third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## Third-Party Notices

---

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
```

---

program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

## Third-Party Notices

---

Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #10 Pod::Simple

---

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----  
FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices  
This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #17 Time::HiRes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2002 Douglas E. Wegscheid. All rights reserved.  
Copyright (c) 2002, 2003, 2004, 2005, 2006, 2007, 2008 Jarkko Hietaniemi.  
All rights reserved.  
Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided

that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

- a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
- b) use the modified Package only within your corporation or organization.
- c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

- a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
- b) accompany the distribution with the machine-readable source of the Package with your modifications.
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this

## Third-Party Notices

---

Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid

anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all

third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## Third-Party Notices

---

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
```

---

program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

**Tim Bunce,DBD-Oracle,1.83,**  
"TOP-LEVEL copyright for DBD::Oracle

This software is copyright (c) 2022, 2021, 2019, 2014, 2013, 2012, 2011, 2010 by Tim Bunce.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for DBD::Oracle

---Perl Licensing----

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl

## Third-Party Notices

---

interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it

under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the

## Third-Party Notices

---

interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public

License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `"Program"`, below, refers to any such program or work, and a `"work based on the Program"` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `"you"`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special

exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE

## Third-Party Notices

---

PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

FOURTH-PARTY DEPENDENCY #1 DBI

== License Type  
Perl

== Copyright Notices  
The DBI module is Copyright (c) 1994-2012 Tim Bunce. Ireland. All rights reserved.

You may distribute under the terms of either the GNU General Public License or the Artistic License, as specified in the Perl 5.10.0 README file.

-----separator-----  
FOURTH-PARTY DEPENDENCY #2 Data::Dumper

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #3 Exporter

== License Type  
Perl

## Third-Party Notices

---

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #4 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 Storable

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1995-2000, Raphael Manfredi  
Copyright (c) 2001-2004, Larry Wall  
Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 XSLoader

== License Type  
Perl

== Copyright Notices

---

Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 parent

== License Type  
Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 File::Spec

== License Type  
Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Man

== License Type  
Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Pod::Simple

== License Type  
Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

## Third-Party Notices

---

-----separator-----  
FOURTH-PARTY DEPENDENCY #13 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----  
FOURTH-PARTY DEPENDENCY #14 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----  
FOURTH-PARTY DEPENDENCY #15 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 Text::Wrap

== License Type

Perl (Part of base perl license distribution. License type is Perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 if

== License Type

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

## Third-Party Notices

---

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE

---

Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based

## Third-Party Notices

---

on the Program"" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge

for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and

## Third-Party Notices

---

of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

---

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
Tom Hughes, IO::Zlib, 1.14,
"TOP-LEVEL copyright for IO::Zlib
```

```
Copyright (c) 1998-2004 Tom Hughes <tom@compton.nu>. All rights reserved.
This program is free software; you can redistribute it and/or modify it
under the same terms as Perl itself.
```

```
TOP-LEVEL license for IO::Zlib
```

```
---Perl Licensing---
```

```
Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.
```

```
It is free software; you can redistribute it and/or modify it under the
terms of either:
```

```
a) the GNU General Public License as published by the Free Software
Foundation; either version 1, or (at your option) any later version, or
```

b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the

Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

## Third-Party Notices

---

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

## Third-Party Notices

---

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of

it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

- a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,
- b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,
- c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of

## Third-Party Notices

---

the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) 19yy <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

```
-----separator-----
FOURTH-PARTY DEPENDENCY #1 Carp
```

```
== License Type
Perl
```

```
== Copyright Notices
Copyright (C) 1994-2013 Larry Wall
```

## Third-Party Notices

---

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type

Perl

== Copyright Notices

No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type

Perl

== Copyright Notices

Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #5 Storable

== License Type

Perl

== Copyright Notices

Copyright (c) 1995-2000, Raphael Manfredi

Copyright (c) 2001-2004, Larry Wall

Copyright (c) 2016,2017 cPanel Inc

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type

Perl

== Copyright Notices

Copyright (C) 1990-2011 by Larry Wall and others.

---

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #7 parent

== License Type

Perl

== Copyright Notices

Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----

FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type

Perl

== Copyright Notices

Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type

Perl

== Copyright Notices

Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type

Perl

== Copyright Notices

Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

## Third-Party Notices

---

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices  
Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

---

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright  
(C) 2014 cPanel Inc. All rights reserved. This program is free software;  
you can redistribute it and/or modify it under the same terms as Perl  
itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This  
program is free software; you can redistribute it and/or modify it under  
the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::Wrap

== License Type  
Perl (Part of base Perl distribution. License type is Perl)

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013  
Google, Inc. This module may be modified, used, copied, and redistributed  
at your own risk. Although allowed by the preceding license, please do not  
publicly redistribute modified versions of this code with the name  
"Text::Wrap" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #17 Compress::Zlib

== License Type  
Perl

== Copyright Notices

Copyright (c) 1995-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

## Third-Party Notices

---

-----separator-----

FOURTH-PARTY DEPENDENCY #18 Compress::Raw::Bzip2

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #19 Compress::Raw::Zlib

== License Type  
Perl

== Copyright Notices

Copyright (c) 2005-2022 Paul Marquess. All rights reserved.  
This program is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #20 Time::Local

== License Type  
Perl

== Copyright Notices

This software is copyright (c) 1997 - 2020 by Graham Barr & Dave Rolsky.  
This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.  
The full text of the license can be found in the LICENSE file included  
with this distribution.

-----separator-----

FOURTH-PARTY DEPENDENCY #21 constant

== License Type  
Perl

== Copyright Notices

Copyright (C) 1997, 1999 Tom Phoenix  
This module is free software; you can redistribute it or modify it under  
the same terms as Perl itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- 
- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
  - b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

## Third-Party Notices

---

### Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so

that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring

## Third-Party Notices

---

the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any

later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

## Third-Party Notices

---

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
```

```
"
Tom Payne, go-geom, 1.5.0,
" ----- Top-Level License -----
-----
SPDX:BSD-2-Clause
```

```
----- Copyright -----
-----
Copyright (c) 1995 by INRIA Prisme Project
Copyright (c) 2013, Tom Payne
Copyright (c) 2017 Paul Mach Permission is hereby granted, free of charge,
to

----- Fourth Party Dependencies -----
-----

----- Licenses -----
-----
- BSD-2-Clause
- MIT

----- (separator) -----
-----

== Dependency
github.com/lib/pq

== License Type
SPDX:MIT

== Copyright
Copyright (C) 2011 Blake Mizerany
Copyright (c) 2011-2013, 'pq' Contributors
Copyright (c) 2014 - Gustavo Niemeyer <gustavo@niemeyer.net>

----- (separator) -----
-----

== Dependency
github.com/twpayne/go-kml/v2

== License Type
SPDX:MIT

== Copyright
Copyright (c) 2015 Tom Payne

----- Licenses -----
-----
== SPDX:BSD-2-Clause

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

1. Redistributions of source code must retain the above copyright notice,
this
   list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
notice,
```

## Third-Party Notices

---

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

**Torsten Foertsch, Sys::Proctitle, 0.04,**  
"TOP-LEVEL copyright for Sys::Proctitle

---

Copyright (C) 2004 by Torsten Foertsch  
This library is free software; you can redistribute it and/or modify it  
under the same terms as Perl itself.

TOP-LEVEL license for Sys::Proctitle

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive

---

site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do

## Third-Party Notices

---

not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether

---

gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an

## Third-Party Notices

---

announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the

Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

## Third-Party Notices

---

possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

UNINETT AS, SimpleSAMLPHP, 2.1.0," ----- Top-  
level license -----  
== License Type  
LGPL v2.1 or later

#### GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below. When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights. We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal

permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is

modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of

free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND  
MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized

party saying it may be distributed under the terms of this Lesser General Public License (also called ""this License").

Each licensee is addressed as ""you"".

A ""library"" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ""Library"", below, refers to any such software library or work which has been distributed under these terms. A ""work based on the Library"" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ""modification".)

""Source code"" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for

writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function

or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood

that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if

the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the

executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the

Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only

way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any

patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries,

so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.

EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS

AND/OR

OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

## Third-Party Notices

---

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.  
END OF TERMS AND CONDITIONS

----- Copyright notices -----  
--

Copyright 2007-2021 UNINETT AS, <https://www.uninett.no>  
SimpleSAMLphp is licensed under the CC-GNU LGPL version 2.1.  
<http://creativecommons.org/licenses/LGPL/2.1/>  
Note that some of the embedded libraries may be using other licenses. For example xmlseclibs uses BSD license.  
This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or any later version.  
This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

#####  
----- Fourth-party information -----  
-----  
#####

----- (separator) -----  
--

== NAME OF DEPENDENCY 1  
symfony/polyfill-mbstring  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2015-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 2  
symfony/polyfill-ctype  
== License Type  
The MIT License (MIT)

---

```
== Copyright Notices
Copyright (c) 2018-present Fabien Potencier
```

```
----- (separator) -----
```

```
--
== NAME OF DEPENDENCY 3
twig/twig
== License Type
BSD 3-clause
```

```
== Copyright Notices
Copyright (c) 2009-2022 by the Twig Team.
```

```
----- (separator) -----
```

```
--
== NAME OF DEPENDENCY 4
symfony/yaml
== License Type
The MIT License (MIT)
```

```
== Copyright Notices
Copyright (c) 2004-2022 Fabien Potencier
```

```
----- (separator) -----
```

```
--
== NAME OF DEPENDENCY 5
symfony/var-exporter
== License Type
The MIT License (MIT)
```

```
== Copyright Notices
Copyright (c) 2018-present Fabien Potencier
```

```
----- (separator) -----
```

```
--
== NAME OF DEPENDENCY 6
symfony/routing
== License Type
The MIT License (MIT)
```

```
== Copyright Notices
Copyright (c) 2004-present Fabien Potencier
```

```
----- (separator) -----
```

```
--
== NAME OF DEPENDENCY 7
symfony/http-foundation
== License Type
The MIT License (MIT)
```

```
== Copyright Notices
Copyright (c) 2004-present Fabien Potencier
```

```
----- (separator) -----
```

```
--
```

## Third-Party Notices

---

== NAME OF DEPENDENCY 8

psr/event-dispatcher

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2018 PHP-FIG

----- (separator) -----

--

== NAME OF DEPENDENCY 9

symfony/event-dispatcher-contracts

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2018-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 10

symfony/event-dispatcher

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 11

symfony/var-dumper

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2014-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 12

psr/log

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2012 PHP Framework Interoperability Group

----- (separator) -----

--

== NAME OF DEPENDENCY 13

symfony/error-handler

== License Type

The MIT License (MIT)

== Copyright Notices

---

Copyright (c) 2019-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 14

symfony/http-kernel

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 15

symfony/finder

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 16

symfony/filesystem

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 17

psr/container

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2013-2016 container-interop

Copyright (c) 2016 PHP Framework Interoperability Group

----- (separator) -----  
--

== NAME OF DEPENDENCY 18

symfony/service-contracts

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2018-2022 Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 19

## Third-Party Notices

---

symfony/dependency-injection

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 20

symfony/config

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 21

psr/cache

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2016 PHP Framework Interoperability Group

----- (separator) -----

--

== NAME OF DEPENDENCY 22

symfony/cache-contracts

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2018-2022 Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 23

symfony/cache

== License Type

The MIT License (MIT)

== Copyright Notices

Copyright (c) 2016-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 24

symfony/framework-bundle

== License Type

The MIT License (MIT)

== Copyright Notices

---

Copyright (c) 2004-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 25  
symfony/polyfill-intl-normalizer  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2015-2019 Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 26  
symfony/polyfill-intl-grapheme  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2015-2019 Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 27  
symfony/string  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2015-2019 Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 28  
symfony/console  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2004-present Fabien Potencier

----- (separator) -----  
--

== NAME OF DEPENDENCY 29  
simplesamlphp/composer-module-installer  
== License Type  
LGPL v2.1

== Copyright Notices  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright (C) Tim van Dijen

----- (separator) -----  
--

== NAME OF DEPENDENCY 30

## Third-Party Notices

---

gettext/languages  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2015 Michele Locati

----- (separator) -----

--  
== NAME OF DEPENDENCY 31  
webmozart/assert  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2014 Bernhard Schussek

----- (separator) -----

--  
== NAME OF DEPENDENCY 32  
simplesamlphp/assert  
== License Type  
LGPL v2.1

== Copyright Notices  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright (C) Tim van Dijen(tvdijen@gmail.com)  
Copyright (C) Jaime Perez Crespo(jaimepc@gmail.com)

----- (separator) -----

--  
== NAME OF DEPENDENCY 33  
robrichards/xmlseclibs  
== License Type  
BSD 3-clause

== Copyright Notices  
Copyright (c) 2007-2019, Robert Richards <rrichards@cdatazone.org>

----- (separator) -----

--  
== NAME OF DEPENDENCY 34  
simplesamlphp/saml2  
== License Type  
LGPL v2.1

== Copyright Notices  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright (C) Andreas ≈kre Solberg(andreas.solberg@uninett.no)

----- (separator) -----

--  
== NAME OF DEPENDENCY 35  
phpmailer/phpmailer

---

== License Type  
LGPL v2.1

== Copyright Notices  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright 2012 - 2020 Marcus Bointon  
Copyright 2010 - 2012 Jim Jagielski  
Copyright 2004 - 2009 Andy Prevost

----- (separator) -----  
--  
== NAME OF DEPENDENCY 36  
gettext/gettext  
== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2017 Oscar Otero Marzoa

----- (separator) -----  
--  
== NAME OF DEPENDENCY 37  
symfony/polyfill-php80

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2020-present Fabien Potencier

----- (separator) -----  
--  
== NAME OF DEPENDENCY 38  
symfony/polyfill-php83

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2022-present Fabien Potencier

----- (separator) -----  
--  
== NAME OF DEPENDENCY 39  
gettext/translator

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2019 Oscar Otero Marzoa

----- (separator) -----  
--  
== NAME OF DEPENDENCY 40  
simplesamlphp/simplesamlphp-assets-base

## Third-Party Notices

---

== License Type  
LGPL v2.1

== Copyright Notices  
No copyright provided by author or available in the source repository.

----- (separator) -----

--

== NAME OF DEPENDENCY 41  
symfony/deprecation-contracts

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2020-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 42  
symfony/intl

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2004-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 43  
symfony/translation-contracts

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2018-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 44  
tvdijen/twig-bridge

== License Type  
The MIT License (MIT)

== Copyright Notices  
Copyright (c) 2004-present Fabien Potencier

----- (separator) -----

--

== NAME OF DEPENDENCY 45  
twig/intl-extra

---

```
== License Type
The MIT License (MIT)
```

```
== Copyright Notices
Copyright (c) 2019-present Fabien Potencier
```

```
----- Licenses -----
-----
```

```
== License Text for MIT License
```

```
Permission is hereby granted, free of charge, to any person obtaining a
copy
of this software and associated documentation files (the ""Software""), to
deal
in the Software without restriction, including without limitation the
rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
```

```
The above copyright notice and this permission notice shall be included in
all
copies or substantial portions of the Software.
```

```
THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE
SOFTWARE.
```

```
----- (separator) -----
-----
```

```
== License Text for BSD-3 License
```

```
Redistribution and use in source and binary forms, with or without
modification,
are permitted provided that the following conditions are met:
```

1. Redistributions of source code must retain the above copyright notice,
this
list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice,
this list of conditions and the following disclaimer in the
documentation
and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its
contributors

## Third-Party Notices

---

may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."  
**VMware, govnomi, 0.30.4, "4634github.com/vmware/govnomi**

----- Top-Level License -----  
-----  
SPDX:Apache-2.0

----- Copyright -----  
-----  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Copyright (c) 2011 The Go Authors. All rights reserved.  
Copyright (c) 2014 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2015 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2016 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2017 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2018 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2020 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2021 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2022 VMware, Inc. All Rights Reserved.  
Copyright (c) 2014-2023 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015-2016 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015-2017 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015-2019 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015-2020 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015-2021 VMware, Inc. All Rights Reserved.  
Copyright (c) 2015-2022 VMware, Inc. All Rights Reserved.  
Copyright (c) 2016 VMware, Inc. All Rights Reserved.  
Copyright (c) 2016-2017 VMware, Inc. All Rights Reserved.  
Copyright (c) 2017 VMware, Inc. All Rights Reserved.  
Copyright (c) 2017-2018 VMware, Inc. All Rights Reserved.  
Copyright (c) 2017-2021 VMware, Inc. All Rights Reserved.  
Copyright (c) 2017-2022 VMware, Inc. All Rights Reserved.  
Copyright (c) 2017-2023 VMware, Inc. All Rights Reserved.  
Copyright (c) 2018 VMware, Inc. All Rights Reserved.  
Copyright (c) 2018-2022 VMware, Inc. All Rights Reserved.

Copyright (c) 2019 VMware, Inc. All Rights Reserved.  
Copyright (c) 2020 VMware, Inc. All Rights Reserved.  
Copyright (c) 2020-2022 VMware, Inc. All Rights Reserved.  
Copyright (c) 2021 VMware, Inc. All Rights Reserved.  
Copyright (c) 2022 VMware, Inc. All Rights Reserved.  
Copyright (c) 2022-2022 VMware, Inc. All Rights Reserved.  
Copyright (c) 2023-2023 VMware, Inc. All Rights Reserved.

----- Fourth Party Dependencies -----  
-----

----- Licenses -----  
-----

- Apache-2.0
- BSD-3-Clause--modified-by-Google
- ISC
- MIT

----- (separator) -----  
-----

== Dependency  
github.com/a8m/tree

== License Type  
SPDX:MIT

== Copyright  
Copyright (c) 2015-2017 Ariel Mashraki

----- (separator) -----  
-----

== Dependency  
github.com/dougmm/pretty

== License Type  
SPDX:MIT

== Copyright  
Copyright 2012 Keith Rarick

----- (separator) -----  
-----

== Dependency  
github.com/google/uuid

== License Type  
SPDX:BSD-3-Clause--modified-by-Google

== Copyright  
Copyright (c) 2009,2014 Google Inc. All rights reserved.  
Copyright 2016 Google Inc. All rights reserved.  
Copyright 2017 Google Inc. All rights reserved.  
Copyright 2018 Google Inc. All rights reserved.

## Third-Party Notices

---

Copyright 2021 Google Inc. All rights reserved.

----- (separator) -----  
-----

== Dependency  
github.com/kr/text

== License Type  
SPDX:MIT

== Copyright  
Copyright 2012 Keith Rarick

----- (separator) -----  
-----

== Dependency  
github.com/rasky/go-xdr

== License Type  
SPDX:ISC

== Copyright  
Copyright (c) 2012 Dave Collins <dave@davec.name>  
Copyright (c) 2012-2014 Dave Collins <dave@davec.name>  
Copyright (c) 2014 Dave Collins <dave@davec.name>  
Copyright (c) 2015-2017 Giovanni Bajo <rasky@develer.com>

----- (separator) -----  
-----

== Dependency  
github.com/vmware/vmw-guestinfo

== License Type  
SPDX:Apache-2.0

== Copyright  
Copyright 2016 VMware, Inc. All Rights Reserved.  
Copyright 2016-2017 VMware, Inc. All Rights Reserved.  
Copyright 2017 VMware, Inc. All rights reserved.

----- Licenses -----  
-----

== SPDX:ISC

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN

ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

----- (separator) -----  
-----  
== SPDX:Apache-2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

## Third-Party Notices

---

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license

## Third-Party Notices

---

agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be

enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on

the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and  
limitations under the License.

----- (separator) -----  
-----  
== SPDX:BSD-3-Clause--modified-by-Google

Redistribution and use in source and binary forms, with  
or without modification, are permitted provided that the following  
conditions  
are met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.
- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

----- (separator) -----  
-----  
== SPDX:MIT

Permission is hereby granted, free of charge, to any person obtaining a  
copy

## Third-Party Notices

---

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

46424642"  
VMware,RabbitMQ,3.12.7,"# <https://github.com/rabbitmq/rabbitmq-server/blob/v3.12.7/LICENSE>  
RabbitMQ server and its tier 1 (core) plugins source code is licensed under the MPL 2.0. For the MPL2, please see LICENSE-MPL-RabbitMQ.

Some RabbitMQ server OCF files are licensed under the Apache Software License 2.0.  
For the ASL2, please see LICENSE-APACHE2.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

Mozilla Public License Version 2.0

=====

### 1. Definitions

-----

#### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

#### 1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

#### 1.3. "Contribution"

means Covered Software of a particular Contributor.

- 
- 1.4. **"Covered Software"**  
means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.
- 1.5. **"Incompatible With Secondary Licenses"**  
means
- (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
  - (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. **"Executable Form"**  
means any form of the work other than Source Code Form.
- 1.7. **"Larger Work"**  
means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.
- 1.8. **"License"**  
means this document.
- 1.9. **"Licensable"**  
means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.
- 1.10. **"Modifications"**  
means any of the following:
- (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
  - (b) any new file in Source Code Form that contains any Covered Software.
- 1.11. **"Patent Claims"** of a Contributor  
means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.
- 1.12. **"Secondary License"**  
means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.
- 1.13. **"Source Code Form"**

means the form of the work preferred for making modifications.

### 1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

## 2. License Grants and Conditions

-----

### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks,

---

or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

#### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

#### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

#### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

### 3. Responsibilities

-----

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

#### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

#### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

-----

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Termination

-----

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have

come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

```
*****
*
* 6. Disclaimer of Warranty
* -----
*
* Covered Software is provided under this License on an "as is"
* basis, without warranty of any kind, either expressed, implied, or
* statutory, including, without limitation, warranties that the
* Covered Software is free of defects, merchantable, fit for a
* particular purpose or non-infringing. The entire risk as to the
* quality and performance of the Covered Software is with You.
* Should any Covered Software prove defective in any respect, You
* (not any Contributor) assume the cost of any necessary servicing,
* repair, or correction. This disclaimer of warranty constitutes an
* essential part of this License. No use of any Covered Software is
* authorized under this License except under this disclaimer.
*
*****
```

```
*****
*
* 7. Limitation of Liability
* -----
*
* Under no circumstances and under no legal theory, whether tort
* (including negligence), contract, or otherwise, shall any
* Contributor, or anyone who distributes Covered Software as
* permitted above, be liable to You for any direct, indirect,
* special, incidental, or consequential damages of any character
* including, without limitation, damages for lost profits, loss of
* goodwill, work stoppage, computer failure or malfunction, or any
* and all other commercial damages or losses, even if such party
* shall have been informed of the possibility of such damages. This
* limitation of liability shall not apply to liability for death or
* personal injury resulting from such party's negligence to the
* extent applicable law prohibits such limitation. Some
* jurisdictions do not allow the exclusion or limitation of
*
*****
```

## Third-Party Notices

---

\* incidental or consequential damages, so this exclusion and \*  
\* limitation may not apply to You. \*  
\* \*  
\*\*\*\*\*

### 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

-----

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

-----

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice  
-----

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - ""Incompatible With Secondary Licenses"" Notice  
-----

This Source Code Form is ""Incompatible With Secondary Licenses"", as defined by the Mozilla Public License, v. 2.0.

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation,

and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of

this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier

identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
implied.

See the License for the specific language governing permissions and  
limitations under the License.

\*\*\*\*\* APACHE LICENSE - COPYRIGHTS \*\*\*\*\*

deps/eetcd/LICENSE:

Copyright 2018, zhongwencool <zhongwencool@gmail.com>.

deps/elvis\_mk/LICENSE:

Copyright 2016 Erlang Solutions Ltd.

deps/aten/LICENSE-APACHE2:

deps/gen\_batch\_server/LICENSE-APACHE2:

deps/stdout\_formatter/LICENSE-APACHE2:

deps/sysmon\_handler/LICENSE-APACHE2:

Copyright 2017 Pivotal Software Inc.

-----  
deps/ra/LICENSE-APACHE2:

Copyright 2017-2020 VMware Inc or its affiliates.

-----  
deps/rabbitmq\_random\_exchange/LICENSE-APACHE2:

Copyright 2007-2013 VMware, Inc.

Copyright 2011 Jon Brisbin.

Copyright 2013-2021 VMware, Inc. or its affiliates.

-----  
Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE  
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF  
THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

## Third-Party Notices

---

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

""Contributor"" means any person or entity that distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
  - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
  - b) a copy of this Agreement must be included with each copy of the Program.
- Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

## Third-Party Notices

---

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's

obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF

## Third-Party Notices

---

LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

##### accept #####

The MIT License (MIT)

Copyright (c) 2016, Ilya Khaprov <i.khaprov@gmail.com>.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

##### aten #####

This package, Aten, is dual-licensed under the Apache License v2 and the Mozilla Public License v2.0.

For the Apache License, please see the file LICENSE-APACHE2.

For the Mozilla Public License, please see the file LICENSE-MPL-RabbitMQ.

For attribution of copyright and other details of provenance, please refer to the source code.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### cowboy #####

Copyright (c) 2011-2017, Loïc Hoguin <essen@ninenines.eu>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

##### cowlib #####

Copyright (c) 2013-2020, Loïc Hoguin <essen@ninenines.eu>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

##### credentials\_obfuscation #####

This package, the credential obfuscation library, is double-licensed under the Mozilla Public License 2.0 ("MPL") and the Apache License version 2 ("ASL"). For the MPL, please see LICENSE-MPL-RabbitMQ. For the ASL, please see LICENSE-APACHE2.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### gen\_batch\_server #####

This package, `gen_batch_server`, is dual-licensed under the Apache License v2 and the Mozilla Public License v2.0.

For the Apache License, please see the file LICENSE-APACHE2.

For the Mozilla Public License, please see the file LICENSE-MPL-RabbitMQ.

## Third-Party Notices

---

For attribution of copyright and other details of provenance, please refer to the source code.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### goldrush #####

Copyright (c) 2012, Magnus Klaar <[klaa@ninenines.eu](mailto:klaa@ninenines.eu)>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

##### gun #####

Copyright (c) 2013-2018, Loïc Hoguin <[essen@ninenines.eu](mailto:essen@ninenines.eu)>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

##### jsx #####

The MIT License

Copyright (c) 2010-2013 alisdair sullivan <[alisdairsullivan@yahoo.ca](mailto:alisdairsullivan@yahoo.ca)>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

##### erlang-lager/lager #####

Apache 2.0

Copyright (c) 2011-2015 Basho Technologies, Inc. All Rights Reserved.

This file is provided to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

##### observer\_cli #####

The MIT License (MIT)

Copyright (c) 2015 øø<zhongwencool@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is

## Third-Party Notices

---

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

##### prometheus #####

The MIT License (MIT)

Copyright (c) 2016, Ilya Khaprov <dead.trickster@gmail.com>.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

##### ra #####

This package, Ra, is dual-licensed under the Apache License Version 2.0 and the Mozilla Public License Version 2.0.

For the Apache License, please see the file [LICENSE-APACHE2](./LICENSE-APACHE2).

For the Mozilla Public License, please see the file [LICENSE-MPL-RabbitMQ](./LICENSE-MPL-RabbitMQ).

For attribution of copyright and other details of provenance, please refer to the source code.

If you have any questions regarding licensing, please contact us at info@rabbitmq.com.

##### rabbit\_common #####

This package, the RabbitMQ commons library, is licensed under the MPL. For the MPL, please see LICENSE-MPL-RabbitMQ.

The files `rabbit\_numerical.erl` and `rabbit\_http\_util.erl` are (c) 2007 Mochi Media, Inc and licensed under a MIT license, see LICENSE-MIT-Mochi.

The files `rabbit\_semver.erl` and `rabbit\_semver\_parser.erl` are Copyright (c) 2011 Erlware, LLC and licensed under a MIT license, see LICENSE-MIT-Erlware-Commons.

If you have any questions regarding licensing, please contact us at info@rabbitmq.com.

##### rabbit #####

This package, the RabbitMQ server is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

If you have any questions regarding licensing, please contact us at info@rabbitmq.com.

##### rabbitmq\_aws #####

rabbitmq-aws is licensed under the BSD 3-Clause License, see LICENSE-rabbitmq\_aws.

This package makes use of the following third party libraries:

- httpc-aws - <https://github.com/gmr/httpc-aws> - BSD 3-Clause License, see LICENSE-httpc\_aws

## Third-Party Notices

---

- erlcloud - <https://github.com/erlcloud/erlcloud> - Simplified BSD License, see LICENSE-erlcloud.

##### rabbitmq\_codegen #####

This package, the RabbitMQ code generation library and associated files, is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### rabbitmq\_consistent\_hash\_exchange #####

This package, the RabbitMQ Consistent Hash Exchange is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### rabbitmq\_event\_exchange #####

This package, the RabbitMQ Event Exchange is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### rabbitmq\_federation\_management #####

This package, the RabbitMQ FederationManagement Plugin is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

This package makes use of the following third party libraries:

|           |   |  |
|-----------|---|--|
| jQuery    | - <a href="https://jquery.com/">https://jquery.com/</a>   | - MIT license, see LICENSE-MIT-jQuery164 |
| EJS       | - <a href="https://embeddedjs.com/">https://embeddedjs.com/</a>                                     | - MIT license, see LICENSE-MIT-EJS10     |
| Sammy     | - <a href="https://code.quirkey.com/sammy/">https://code.quirkey.com/sammy/</a>                     | - MIT license, see LICENSE-MIT-Sammy060  |
| cowboy    | - <a href="https://github.com/ninenines/cowboy">https://github.com/ninenines/cowboy</a>             | - ISC license                            |
| base64.js | - <a href="https://code.google.com/p/stringencoders/">https://code.google.com/p/stringencoders/</a> | - BSD license, see LICENSE-BSD-base64js  |

If you have any questions regarding licensing, please contact us at

info@rabbitmq.com.

##### rabbitmq\_management\_agent #####

This package, the RabbitMQ Management Plugin is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

If you have any questions regarding licensing, please contact us at info@rabbitmq.com.

##### rabbitmq\_management #####

This package, the RabbitMQ Management Plugin is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

This package makes use of the following third party libraries:

| Name           | Website   |
|----------------|---|
| License type   | License file  |
| -----          | -----   |
| ExplorerCanvas | <a href="https://github.com/arv/explorercanvas">https://github.com/arv/explorercanvas</a>                                 |
| APACHE 2       | LICENSE-APACHE2-excanvas  |
| base64.js      | <a href="https://code.google.com/p/stringencoders/">https://code.google.com/p/stringencoders/</a>                         |
| BSD            | LICENSE-BSD-base64js  |
| Cowboy         | <a href="https://ninenines.eu/">https://ninenines.eu/</a>   |
| ISC            | LICENSE-ISC-cowboy  |
| EJS            | <a href="https://code.google.com/archive/p/embeddedjavascript/">https://code.google.com/archive/p/embeddedjavascript/</a> |
| MIT            | LICENSE-MIT-EJS   |
| Flot           | <a href="https://github.com/flot/flot">https://github.com/flot/flot</a>   |
| MIT            | LICENSE-MIT-Flot  |
| Sammy          | <a href="https://code.quirkey.com/sammy/">https://code.quirkey.com/sammy/</a>   |
| MIT            | LICENSE-MIT-Sammy   |
| jQuery         | <a href="https://jquery.com/">https://jquery.com/</a>   |
| MIT            | LICENSE-MIT-jQuery  |

If you have any questions regarding licensing, please contact us at info@rabbitmq.com.

##### rabbitmq\_random\_exchange #####

This package, the RabbitMQ Random Exchange, is dual-licensed under the Apache License v2 and the Mozilla Public License v2.0.

For the Apache License, please see the file LICENSE-APACHE2.

For the Mozilla Public License, please see the file LICENSE-MPL-RabbitMQ.

## Third-Party Notices

---

For attribution of copyright and other details of provenance, please refer to the source code.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### rabbitmq\_recent\_history\_exchange #####

This package, the RabbitMQ server is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

Copyright (c) 2011-2015 Alvaro Videla  
Copyright (c) 2011-2021 VMware, Inc and its affiliates.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### rabbitmq\_web\_mqtt\_examples #####

This package, the rabbitmq-web-mqtt-examples, is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

priv/mqttws31.js is a part of the Paho project (<https://eclipse.org/paho/clients/js/>) and is released under the EPL and the EDL.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### rabbitmq\_web\_stomp\_examples #####

This package, the rabbitmq-web-stomp-examples, is licensed under the MPL 2.0. For the MPL 2.0, please see LICENSE-MPL-RabbitMQ.

priv/stomp.js is a part of stomp-websocket project (<https://github.com/jmesnil/stomp-websocket>) and is released under APL2. For the license see LICENSE-APL2-Stomp-Websocket.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### ranch #####

Copyright (c) 2011-2020, Loïc Hoguin <[essen@ninenines.eu](mailto:essen@ninenines.eu)>

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

##### recon #####

Copyright (c) 2012-2017, Frédéric Trottier-Hébert  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

##### stdout\_formatter #####

## Third-Party Notices

---

This package, `stdout_formatter`, is dual-licensed under the Apache License v2 and the Mozilla Public License v2.0.

For the Apache License, please see the file `LICENSE-APACHE2`.

For the Mozilla Public License, please see the file `LICENSE-MPL`.

For attribution of copyright and other details of provenance, please refer to the source code.

If you have any questions regarding licensing, please contact us at [info@rabbitmq.com](mailto:info@rabbitmq.com).

##### syslog #####

The MIT License (MIT)

Copyright (c) 2011 Travelping GmbH  
Copyright (c) 2013-2017 Tobias Schlager

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

##### sysmon\_handler #####

This package is dual-licensed under the Apache License v2 and the Mozilla Public License v2.0.

For the Apache License, please see the file `LICENSE-APACHE2`.

For the Mozilla Public License, please see the file LICENSE-MPL-RabbitMQ.

For attribution of copyright and other details of provenance, please refer to the source code.

If you have any questions regarding licensing, please contact us at info@rabbitmq.com.

%%%%%%%%%%%%%%%%%%%%%%%%%%%% LICENSE FILES %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

% File LICENSE-MIT-Erlware-Commons:  
Copyright (c) 2011 Erlware, LLC

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

% File LICENSE-MIT-Mochi:  
This is the MIT license.

Copyright (c) 2007 Mochi Media, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR

## Third-Party Notices

---

OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

% File LICENSE-httpc\_aws:

Copyright (c) 2016, Gavin M. Roy <gavinmroy@gmail.com>.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

% File LICENSE-rabbitmq\_aws:

Copyright (c) 2016, Gavin M. Roy <gavinmroy@gmail.com>.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

% File LICENSE-erlcloud:

Copyright (C) 2010 Brian Buchanan. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

% File LICENSE-MIT-jQuery:

% File LICENSE-MIT-jQuery164:

Copyright (c) 2011 John Resig, <https://jquery.com/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

% File LICENSE-MIT-EJS:

% File LICENSE-MIT-EJS10:

EJS - Embedded JavaScript

## Third-Party Notices

---

Copyright (c) 2007 Edward Benson

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

% File LICENSE-MIT-Sammy:

% File LICENSE-MIT-Sammy060:

Copyright (c) 2008 Aaron Quint, Quirkey NYC, LLC

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

% File LICENSE-BSD-base64js:

/\*

```
* Copyright (c) 2010 Nick Galbreath
*
https://code.google.com/p/stringencoders/source/browse/#svn/trunk/javascri
pt
*
* Permission is hereby granted, free of charge, to any person
* obtaining a copy of this software and associated documentation
* files (the "Software"), to deal in the Software without
* restriction, including without limitation the rights to use,
* copy, modify, merge, publish, distribute, sublicense, and/or sell
* copies of the Software, and to permit persons to whom the
* Software is furnished to do so, subject to the following
* conditions:
*
* The above copyright notice and this permission notice shall be
* included in all copies or substantial portions of the Software.
*
* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
* OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
* HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
* WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
* FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
* OTHER DEALINGS IN THE SOFTWARE.
*/
% File LICENSE-MIT-Flot:
Copyright (c) 2007-2014 IOLA and Ole Laursen
```

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

```
% File LICENSE-ISC-cowboy:
Copyright (c) 2011-2017, Loïc Hoguin <essen@ninenines.eu>
```

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

"  
**VMware,micrometer-registry-prometheus,1.9.8,**  
" ----- Top-level license -----  
-----

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

Object  
 ""Derivative Works"" shall mean any work, whether in Source or form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

owner  
 of  
 ""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

Entity  
 ""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work

or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

## Third-Party Notices

---

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Copyright notices -----  
--

Micrometer

Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
-----

This product contains a modified portion of 'io.netty.util.internal.logging', in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()', in the Commons Lang library distributed by The Apache Software Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer', in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the 'org.springframework.lang' package in the Spring Framework library, distributed by VMware, Inc:

```
* Copyright 2002-2019 the original author or authors.
* License: Apache License v2.0
* Homepage: https://spring.io/projects/spring-framework
```

```
====Fourth Party Dependencies====
FOURTH-PARTY DEPENDENCY #01 NAME : io.micrometer:micrometer-core
== License Type
Apache License 2.0
```

```
== Copyright Notices
Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.
```

```
----- (separator) -----
```

```
--
```

```
FOURTH-PARTY DEPENDENCY #02 NAME org.hdrhistogram:HdrHistogram
```

```
== License Type
BSD-2-Clause
```

The code in this repository code was Written by Gil Tene, Michael Barker, and Matt Warren, and released to the public domain, as explained at <http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

```
-----
---
```

```
** Beginning of "BSD 2-Clause License" text. **
```

```
Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene
Copyright (c) 2014 Michael Barker
Copyright (c) 2014 Matt Warren
All rights reserved.
```

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

```
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
```

## Third-Party Notices

---

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright Notices

Copyright (c) 2012, 2013, 2014, 2015, 2016 Gil Tene

Copyright (c) 2014 Michael Barker

Copyright (c) 2014 Matt Warren

All rights reserved.

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #03 NAME: org.latencyutils:LatencyUtils

== License Type

BSD 2-Clause

\* This code was Written by Gil Tene of Azul Systems, and released to the  
\* public domain, as explained at  
<http://creativecommons.org/publicdomain/zero/1.0/>

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License).

This

license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

-----  
----

\*\* Beginning of "BSD 2-Clause License" text. \*\*

Copyright (c) 2012, 2013, 2014 Gil Tene

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,  
this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice,  
this list of conditions and the following disclaimer in the documentation  
and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE

LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

== Copyright Notices

Copyright (c) 2012, 2013, 2014 Gil Tene

----- (separator) -----  
--

FOURTH-PARTY DEPENDENCY #04 NAME: io.prometheus:simpleclient\_common  
FOURTH-PARTY DEPENDENCY #05 NAME: io.prometheus:simpleclient  
FOURTH-PARTY DEPENDENCY #06 NAME: io.prometheus:simpleclient\_tracer\_otel  
FOURTH-PARTY DEPENDENCY #07 NAME: io.prometheus:simpleclient\_tracer\_common  
FOURTH-PARTY DEPENDENCY #08 NAME:  
io.prometheus:simpleclient\_tracer\_otel\_agent  
== License Type  
Apache-2.0

== Copyright Notices

Prometheus instrumentation library for JVM applications  
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at  
Boxever Ltd. (<http://www.boxever.com/>).

This product includes software developed at  
SoundCloud Ltd. (<http://soundcloud.com/>).

This product includes software developed as part of the  
Ocelli project by Netflix Inc. (<https://github.com/Netflix/ocelli/>).

"

Valere Jeantet, vjeantet@grok, 1.0.1, "Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Top-Level License -----  
-----

----- Copyright -----  
-----

(no copyrights found)

"

Vladimir Agafonkin, leaflet, 1.9.3, "BSD 2-Clause License"

Copyright (c) 2010-2022, Vladimir Agafonkin

Copyright (c) 2010-2011, CloudMade

All rights reserved.

Redistribution and use in source and binary forms, with or without

## Third-Party Notices

---

modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.  
"

**William R. Ward,Number::Format,1.76,**  
"TOP-LEVEL copyright for Number::Format

This package is copyright 1997-2015 by William R. Ward et al., and may be distributed under the same terms as cover Perl itself (your choice of Artistic or GPL). See <http://dev.perl.org/licenses/> for more information.

TOP-LEVEL license for Number::Format

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the "Artistic License".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script

---

falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

## Third-Party Notices

---

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.

- 
- c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
- d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.
6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.
7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.
8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.
10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

## Third-Party Notices

---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users  
at the mercy of those companies. By contrast, our General Public  
License is intended to guarantee your freedom to share and change free  
software--to make sure the software is free for all its users. The  
General Public License applies to the Free Software Foundation's  
software and to any other program whose authors commit to using it.  
You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not  
price. Specifically, the General Public License is designed to make  
sure that you have the freedom to give away or sell copies of free  
software, that you receive source code or can get it if you want it,  
that you can change the software or use pieces of it in new free  
programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights.  
These restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether  
gratis or for a fee, you must give the recipients all the rights that  
you have. You must make sure that they, too, receive or can get the  
source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.

The precise terms and conditions for copying, distribution and  
modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which

contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free

Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

##### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

## Third-Party Notices

---

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than ``show w'` and ``show c'`; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---"
Yusuke Kamiyamane, Fugue Icons, 3.5.6, "
```

URL for License ñ <https://creativecommons.org/licenses/by/3.0/legalcode>

Creative Commons

Attribution 3.0 Unported

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

#### 1. Definitions

a. "Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License. For the avoidance of doubt, where the Work is a musical work, performance or phonogram, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered an Adaptation for the purpose of this License.

b. "Collection" means a collection of literary or artistic works, such as encyclopedias and anthologies, or performances, phonograms or broadcasts, or other works or subject matter other than works listed in Section 1(f) below, which, by reason of the selection and arrangement of their contents, constitute intellectual creations, in which the Work is included in its entirety in unmodified form along with one or more other contributions, each constituting separate and independent works in themselves, which together are assembled into a collective whole. A work that constitutes a Collection will not be considered an Adaptation (as defined above) for the purposes of this License.

c. "Distribute" means to make available to the public the original and copies of the Work or Adaptation, as appropriate, through sale or other transfer of ownership.

d. "Licensor" means the individual, individuals, entity or entities that offer(s) the Work under the terms of this License.

e. "Original Author" means, in the case of a literary or artistic work, the individual, individuals, entity or entities who created the Work or if no individual or entity can be identified, the publisher; and in addition (i) in the case of a performance the actors, singers, musicians, dancers, and other persons who act, sing, deliver, declaim, play in, interpret or otherwise perform literary or artistic works or expressions of folklore; (ii) in the case of a phonogram the producer being the person or legal entity who first fixes the sounds of a performance or other sounds; and, (iii) in the case of broadcasts, the organization that transmits the broadcast.

f. "Work" means the literary and/or artistic work offered under the terms of this License including without limitation any production in the literary, scientific and artistic domain, whatever may be the mode or form

of its expression including digital form, such as a book, pamphlet and other writing; a lecture, address, sermon or other work of the same nature; a dramatic or dramatico-musical work; a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.

g. "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

h. "Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.

i. "Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.

2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for in connection with the copyright protection under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

a. to Reproduce the Work, to incorporate the Work into one or more Collections, and to Reproduce the Work as incorporated in the Collections;

b. to create and Reproduce Adaptations provided that any such Adaptation, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";

c. to Distribute and Publicly Perform the Work including as incorporated in Collections; and,

d. to Distribute and Publicly Perform Adaptations.

e. For the avoidance of doubt:

i. Non-waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme cannot be waived, the Licensor reserves the exclusive right to collect such royalties for any exercise by You of the rights granted under this License;

ii. Waivable Compulsory License Schemes. In those jurisdictions in which the right to collect royalties through any statutory or compulsory licensing scheme can be waived, the Licensor waives the exclusive right to collect such royalties for any exercise by You of the rights granted under this License; and,

iii. Voluntary License Schemes. The Licensor waives the right to collect royalties, whether individually or, in the event that the Licensor is a member of a collecting society that administers voluntary licensing schemes, via that society, from any exercise by You of the rights granted under this License.

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. Subject to Section 8(f), all rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

a. You may Distribute or Publicly Perform the Work only under the terms of this License. You must include a copy of, or the Uniform Resource Identifier (URI) for, this License with every copy of the Work You Distribute or Publicly Perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of the recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties with every copy of the Work You Distribute or Publicly Perform. When You Distribute or Publicly Perform the Work, You may not impose any effective technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collection, but this does not require the Collection apart from the Work itself to be made subject to the terms of this License. If You create a Collection, upon notice from any Licensor You must, to the extent practicable, remove from the Collection any credit as required by Section 4(b), as requested. If You create an Adaptation, upon notice from any Licensor You must, to the extent practicable, remove from the Adaptation any credit as required by Section 4(b), as requested.

b. If You Distribute, or Publicly Perform the Work or any Adaptations or Collections, You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or if the Original Author and/or Licensor designate another party or parties (e.g., a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; (ii) the title of the Work if supplied; (iii) to the extent reasonably practicable, the URI, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and (iv) , consistent with Section 3(b), in the case of an Adaptation, a credit identifying the use of the Work in the Adaptation (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4 (b) may be implemented in any reasonable manner; provided, however, that in the case of a Adaptation or Collection, at a minimum such credit will appear, if a credit for all contributing authors of the Adaptation or Collection appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.

c. Except as otherwise agreed in writing by the Licensor or as may be otherwise permitted by applicable law, if You Reproduce, Distribute or Publicly Perform the Work either by itself or as part of any Adaptations or Collections, You must not distort, mutilate, modify or take other derogatory action in relation to the Work which would be prejudicial to the Original Author's honor or reputation. Licensor agrees that in those jurisdictions (e.g. Japan), in which any exercise of the right granted in Section 3(b) of this License (the right to make Adaptations) would be deemed to be a distortion, mutilation, modification or other derogatory action prejudicial to the Original Author's honor and reputation, the Licensor will waive or not assert, as appropriate, this Section, to the fullest extent permitted by the applicable national law, to enable You to reasonably exercise Your right under Section 3(b) of this License (right to make Adaptations) but not otherwise.

## 5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. Termination

a. This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Adaptations or Collections from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

b. Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

#### 8. Miscellaneous

a. Each time You Distribute or Publicly Perform the Work or a Collection, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

b. Each time You Distribute or Publicly Perform an Adaptation, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

c. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

d. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

e. This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

f. The rights granted under, and the subject matter referenced, in this License were drafted utilizing the terminology of the Berne Convention for the Protection of Literary and Artistic Works (as amended on September 28, 1979), the Rome Convention of 1961, the WIPO Copyright Treaty of 1996, the

## Third-Party Notices

---

WIPO Performances and Phonograms Treaty of 1996 and the Universal Copyright Convention (as revised on July 24, 1971). These rights and subject matter take effect in the relevant jurisdiction in which the License terms are sought to be enforced according to the corresponding provisions of the implementation of those treaty provisions in the applicable national law. If the standard suite of rights granted under applicable copyright law includes additional rights not granted under this License, such additional rights are deemed to be included in the License; this License is not intended to restrict the license of any rights under applicable law.

### Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor. Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of this License.

Creative Commons may be contacted at <https://creativecommons.org/>.

---

From <http://p.yusukekamiyamane.com/icons/license/>

This is a legal agreement between you, the purchaser, and this project. By purchasing any icons from this website, you agree to be bound by the terms of this agreement.

All ownership and copyright of the licensed icons remain the property of this project.

These icons can be used for any commercial or personal projects. Including web designs, blog themes, software, advertising, film, video, and games.

You may not lease, license or sublicense the icons.

All icons are provided as is without warranties of merchantability and fitness for a particular purpose. This project shall not be liable for loss of data, loss of production, loss of profit, loss of use, loss of contracts or for any other consequential, economic or indirect loss whatsoever in respect of sale, purchase, delivery, use of the icons.

You can get the latest version at any time from this website (No extra fees).

---

Note ñ The component has NO 4th party components.

"

**Yuval Kogman,Tie::RefHash,1.40,**

"TOP-LEVEL copyright for Tie::RefHash

This software is copyright (c) 2006 by øøøø øøø'øø (Yuval Kogman)  
<nothingmuch@woobling.org>.

This is free software; you can redistribute it and/or modify it under the  
same terms as the Perl 5 programming language system itself.

TOP-LEVEL license for Tie::RefHash

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the  
terms of either:

- a) the GNU General Public License as published by the Free Software  
Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my  
interpretation of the GNU General Public License is that no Perl script  
falls under the terms of the GPL unless you explicitly put said script  
under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall  
under the terms of the GPL, provided such object code only adds  
definitions of subroutines and variables, and does not otherwise impair  
the resulting interpreter from executing any standard Perl script. I  
consider linking in C subroutines in this manner to be the moral  
equivalent of defining subroutines in the Perl language itself. You may  
sell such an object file as proprietary provided that you provide or offer  
to provide the Perl source, as specified by the GNU General Public  
License. (This is merely an alternate way of specifying input to the  
program.) You may also sell a binary produced by the dumping of a running  
Perl script that belongs to you, provided that you provide or offer to  
provide the Perl source as specified by the GPL. (The fact that a Perl  
interpreter and your code are in the same binary file is, in this case, a  
form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or  
difficulties understanding my intent, feel free to contact me. Of course,  
the Artistic License spells all this out for your protection, so you may  
prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The ""Artistic License""

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package

modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall

## Third-Party Notices

---

neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free

software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The `""Program""`, below, refers to any such program or work, and a `""work based on the Program""` means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as `""you""`.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use

the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED

## Third-Party Notices

---

TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---

-----separator-----

FOURTH-PARTY DEPENDENCY #1 Carp

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1994-2013 Larry Wall

Copyright (C) 2011, 2012, 2013 Andrew Main (Zefram) <zefram@fysh.org>

-----separator-----

FOURTH-PARTY DEPENDENCY #2 Exporter

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #3 ExtUtils::MakeMaker

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----

FOURTH-PARTY DEPENDENCY #4 Encode

== License Type  
Perl

== Copyright Notices  
Copyright 2002-2014 Dan Kogai <dankogai@cpan.org>.

## Third-Party Notices

---

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #5 Storable

== License Type  
Perl

== Copyright Notices  
No copyright info from source

-----separator-----  
FOURTH-PARTY DEPENDENCY #6 XSLoader

== License Type  
Perl

== Copyright Notices  
Copyright (C) 1990-2011 by Larry Wall and others.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #7 parent

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2007-2017 Max Maischein <corion@cpan.org> Based on the idea of base.pm, which was introduced with Perl 5.004\_04.

-----separator-----  
FOURTH-PARTY DEPENDENCY #8 File::Spec

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004-2013 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----  
FOURTH-PARTY DEPENDENCY #9 Pod::Man

== License Type  
Perl

== Copyright Notices  
Copyright 1999-2010, 2012-2020, 2022 Russ Allbery <rra@cpan.org>

Substantial contributions by Sean Burke <sburke@cpan.org>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #10 Pod::Simple

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2002 Sean M. Burke.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

-----separator-----

FOURTH-PARTY DEPENDENCY #11 Pod::Escapes

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

This library is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or fitness for a particular purpose.

Portions of the data tables in this module are derived from the entity declarations in the W3C XHTML specification.

Currently (October 2001), that's these three:

<http://www.w3.org/TR/xhtml1/DTD/xhtml-lat1.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-special.ent>  
<http://www.w3.org/TR/xhtml1/DTD/xhtml-symbol.ent>

-----separator-----

FOURTH-PARTY DEPENDENCY #12 Cwd

== License Type  
Perl

== Copyright Notices  
Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

## Third-Party Notices

---

Portions of the C code in this library are copyright (c) 1994 by the Regents of the University of California. All rights reserved. The license on this code is compatible with the licensing of the rest of the distribution - please see the source code in Cwd.xs for the details.

-----separator-----

FOURTH-PARTY DEPENDENCY #13 Scalar::Util

== License Type  
Perl

== Copyright Notices

Copyright (c) 1997-2007 Graham Barr <gbarr@pobox.com>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

Additionally ""weaken"" and ""isweak"" which are

Copyright (c) 1999 Tuomas J. Lukka <lukka@iki.fi>. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as perl itself.

Copyright (C) 2004, 2008 Matthijs van Duin. All rights reserved. Copyright (C) 2014 cPanel Inc. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #14 Data::Dumper

== License Type  
Perl

== Copyright Notices

Copyright (c) 1996-2019 Gurusamy Sarathy. All rights reserved. This program is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

-----separator-----

FOURTH-PARTY DEPENDENCY #15 Text::WrapText::Wrap

== License Type  
Perl

== Copyright Notices

Copyright (C) 1996-2009 David Muir Sharnoff. Copyright (C) 2012-2013 Google, Inc. This module may be modified, used, copied, and redistributed at your own risk. Although allowed by the preceding license, please do not publicly redistribute modified versions of this code with the name ""Text::Wrap"" unless it passes the unmodified Text::Wrap test suite.

-----separator-----

FOURTH-PARTY DEPENDENCY #16 if

== License Type

---

Perl

== Copyright Notices

This software is copyright (c) 2002 by Ilya Zakharevich.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl 5 programming language system itself.

-----separator-----

---Perl Licensing---

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

For those of you that choose to use the GNU General Public License, my interpretation of the GNU General Public License is that no Perl script falls under the terms of the GPL unless you explicitly put said script under the terms of the GPL yourself.

Furthermore, any object code linked with perl does not automatically fall under the terms of the GPL, provided such object code only adds definitions of subroutines and variables, and does not otherwise impair the resulting interpreter from executing any standard Perl script. I consider linking in C subroutines in this manner to be the moral equivalent of defining subroutines in the Perl language itself. You may sell such an object file as proprietary provided that you provide or offer to provide the Perl source, as specified by the GNU General Public License. (This is merely an alternate way of specifying input to the program.) You may also sell a binary produced by the dumping of a running Perl script that belongs to you, provided that you provide or offer to provide the Perl source as specified by the GPL. (The fact that a Perl interpreter and your code are in the same binary file is, in this case, a form of mere aggregation.)

This is my interpretation of the GPL. If you still have concerns or difficulties understanding my intent, feel free to contact me. Of course, the Artistic License spells all this out for your protection, so you may prefer to use that.

-- Larry Wall

---end of Perl Licensing---

--- The Artistic License 1.0 ---

The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the

following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

## Third-Party Notices

---

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.  
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid

anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each licensee is addressed as "you".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all

third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of

Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED

OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING

OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## Third-Party Notices

---

### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it
does.>
```

```
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-
1301 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
```

program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice

That's all there is to it!

--- end of The GNU General Public License, Version 1, February 1989 ---  
"

Zakaria Zajac,python-json-logger,2.0.7,"Copyright (c) 2011, Zakaria Zajac  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."

**bucho and other contributors,leaflet-openweathermap,1.1.8,"**

----- Top-level license -----

--

==License Type

CC0 (Creative Commons Zero),

see below for the full text form of this license

link( <https://creativecommons.org/publicdomain/zero/1.0/>)

==License.

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal

of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

moral rights retained by the original author(s) and/or performer(s);

publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

rights protecting the extraction, dissemination, use and reuse of data in a Work;

database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive,

irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

#### 4. Limitations and Disclaimers.

No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

==Copyright

No Copyright for this license

----Fourth-party information -----

== NAME OF DEPENDENCY 1

leaflet

== License

Copyright (c) 2010-2013, Vladimir Agafonkin  
Copyright (c) 2010-2011, CloudMade  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials

provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

==Copyright

Copyright (c) 2010-2013, Vladimir Agafonkin  
Copyright (c) 2010-2011, CloudMade  
All rights reserved.

"

go-sql-driver authors, GoLang MySQL driver, 1.7.1, "github.com/go-sql-driver/mysql"

----- Copyrights

Copyright 2018 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2013 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2014 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2019 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2012 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2016 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2017 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2020 The Go-MySQL-Driver Authors. All rights reserved.  
Copyright 2022 The Go-MySQL-Driver Authors. All rights reserved.

----- License

SPDX:MPL-2.0

Mozilla Public License Version 2.0

=====

## 1. Definitions

-----

### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

### 1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

### 1.3. "Contribution"

means Covered Software of a particular Contributor.

### 1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 
- 1.5. `""Incompatible With Secondary Licenses""`  
means
- (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
  - (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. `""Executable Form""`  
means any form of the work other than Source Code Form.
- 1.7. `""Larger Work""`  
means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.
- 1.8. `""License""`  
means this document.
- 1.9. `""Licensable""`  
means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.
- 1.10. `""Modifications""`  
means any of the following:
- (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
  - (b) any new file in Source Code Form that contains any Covered Software.
- 1.11. `""Patent Claims""` of a Contributor  
means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.
- 1.12. `""Secondary License""`  
means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.
- 1.13. `""Source Code Form""`  
means the form of the work preferred for making modifications.
- 1.14. `""You""` (or `""Your""`)  
means an individual or a legal entity exercising rights under this License. For legal entities, `""You""` includes any entity that

controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

### 2. License Grants and Conditions

-----

#### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

#### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

#### 2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 2.4. Subsequent Licenses

---

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

## 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

## 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

## 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

## 3. Responsibilities

-----

### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the

## Third-Party Notices

---

Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

## 4. Inability to Comply Due to Statute or Regulation

-----

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

## 5. Termination

-----

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after

Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

```
*****
*
* 6. Disclaimer of Warranty
* -----
*
* Covered Software is provided under this License on an "as is"
* basis, without warranty of any kind, either expressed, implied, or
* statutory, including, without limitation, warranties that the
* Covered Software is free of defects, merchantable, fit for a
* particular purpose or non-infringing. The entire risk as to the
* quality and performance of the Covered Software is with You.
* Should any Covered Software prove defective in any respect, You
* (not any Contributor) assume the cost of any necessary servicing,
* repair, or correction. This disclaimer of warranty constitutes an
* essential part of this License. No use of any Covered Software is
* authorized under this License except under this disclaimer.
*
*****
```

```
*****
*
* 7. Limitation of Liability
* -----
*
* Under no circumstances and under no legal theory, whether tort
* (including negligence), contract, or otherwise, shall any
* Contributor, or anyone who distributes Covered Software as
* permitted above, be liable to You for any direct, indirect,
* special, incidental, or consequential damages of any character
* including, without limitation, damages for lost profits, loss of
* goodwill, work stoppage, computer failure or malfunction, or any
* and all other commercial damages or losses, even if such party
* shall have been informed of the possibility of such damages. This
* limitation of liability shall not apply to liability for death or
* personal injury resulting from such party's negligence to the
* extent applicable law prohibits such limitation. Some
* jurisdictions do not allow the exclusion or limitation of
* incidental or consequential damages, so this exclusion and
* limitation may not apply to You.
*
*****
```

## Third-Party Notices

---

### 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

-----

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

### 10. Versions of the License

-----

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

#### 10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

#### Exhibit A - Source Code Form License Notice

-----

This Source Code Form is subject to the terms of the Mozilla Public

License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

-----

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

ATTRIBUTION-HELPER-GENERATED:

License file based on go.mod with md5 sum:

e7cb629990aa84d84456f395728c262d"

gomodule,redigo,1.8.9,"

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable

by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify

## Third-Party Notices

---

the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

----- Top-Level License -----  
-----

----- Copyright -----  
-----

(no copyrights found)

"

**jsonwebtoken.io,jjwt-api,0.12.3,"**

=====  
=====

Top Level License : jjwt-api 0.12.3

```
=====
* Copyright
  Copyright 2018 JWTK
  Copyright (C) 2014 jsonwebtoken.io

* Notice
  Copyright 2018 JWTK

  Licensed under the Apache License, Version 2.0 (the
  ""License"");
  you may not use this file except in compliance with the
  License.
  You may obtain a copy of the License at

      http://www.apache.org/licenses/LICENSE-2.0

  Unless required by applicable law or agreed to in writing,
  software
  distributed under the License is distributed on an ""AS IS""
  BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express
  or implied.
  See the License for the specific language governing
  permissions and
  limitations under the License.

  Notice text for jjwt
  -----
  Base64 implementation
  JJWT's io.jsonwebtoken.io.Base64 implementation is based
  on MigBase64 with
  continued modifications for Base64 URL support and
  additional test cases.
  The MigBase64 copyright and license notice have been
  retained and are
  repeated here per that code's requirements:

  Licence (BSD):
  =====

  Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64
  @ miginfocom . com)
  All rights reserved.

  Redistribution and use in source and binary forms, with
  or without modification,
  are permitted provided that the following conditions are
  met:

  Redistributions of source code must retain the above
  copyright notice, this list
  of conditions and the following disclaimer.
  Redistributions in binary form must reproduce the above
  copyright notice, this
  list of conditions and the following disclaimer in the
  documentation and/or other
```

materials provided with the distribution.  
Neither the name of the MiG InfoCom AB nor the names of  
its contributors may be  
used to endorse or promote products derived from this  
software without specific  
prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND  
CONTRIBUTORS "AS IS" AND  
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A  
PARTICULAR PURPOSE ARE DISCLAIMED.

IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
LIABLE FOR ANY DIRECT,  
INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING,  
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA,  
OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND  
ON ANY THEORY OF LIABILITY,  
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE)  
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN  
IF ADVISED OF THE POSSIBILITY  
OF SUCH DAMAGE.

Additionally, the following classes were copied from the  
Apache Commons-Codec project,  
with further JWT-specific modifications:

```
io.jsonwebtoken.impl.io.Base64Codec  
io.jsonwebtoken.impl.io.Base64InputStream  
io.jsonwebtoken.impl.io.Base64OutputStream  
io.jsonwebtoken.impl.io.BaseNCodec  
io.jsonwebtoken.impl.io.BaseNCodecInputStream  
io.jsonwebtoken.impl.io.BaseNCodecOutputStream  
io.jsonwebtoken.impl.io.CodecPolicy  
Its attribution:
```

Apache Commons Codec  
Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).  
Also, the following classes were copied from the Apache  
Commons-IO project, with further  
JWT-specific modifications:

```
io.jsonwebtoken.impl.io.CharSequenceReader  
io.jsonwebtoken.impl.io.FilteredInputStream  
io.jsonwebtoken.impl.io.FilteredOutputStream  
io.jsonwebtoken.impl.io.ClosedInputStream  
io.jsonwebtoken.impl.io.UncloseableInputStream  
It's attribution:
```

Apache Commons IO

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

\* License  
Apache 2.0

Apache License  
Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND  
DISTRIBUTION

1. Definitions.

use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

authorized by the copyright owner or entity the copyright owner that is granting the License.

entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

Entity "You" (or "Your") shall mean an individual or Legal exercising permissions granted by this License.

making modifications, documentation including but not limited to software source code, source, and configuration files.

mechanical transformation or translation of a Source form, including but

documentation, not limited to compiled object code, generated and conversions to other media types.

Source or  
indicated by a  
work  
Source or Object  
for which the  
other modifications  
For the purposes  
works that remain  
interfaces of,  
including  
or additions  
intentionally  
copyright owner  
submit on behalf of  
definition, ""submitted""  
communication sent  
not limited to  
control systems,  
behalf of, the  
the Work, but  
otherwise  
Contribution.""

""Work"" shall mean the work of authorship, whether in Object form, made available under the License, as copyright notice that is included in or attached to the (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in form, that is based on (or derived from) the Work and editorial revisions, annotations, elaborations, or represent, as a whole, an original work of authorship. For this License, Derivative Works shall not include separable from, or merely link (or bind by name) to the the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, the original version of the Work and any modifications to that Work or Derivative Works thereof, that is submitted to Licensor for inclusion in the Work by the or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code and issue tracking systems that are managed by, or on Licensor for the purpose of discussing and improving excluding communication that is conspicuously marked or designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity

Licensors and on behalf of whom a Contribution has been received by subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

arising as a  
to use the  
goodwill,  
and all  
Contributor

incidental, or consequential damages of any character  
result of this License or out of the use or inability  
Work (including but not limited to damages for loss of  
work stoppage, computer failure or malfunction, or any  
other commercial damages or losses), even if such  
has been advised of the possibility of such damages.

redistributing  
offer,  
indemnity,  
with this  
may act only  
on behalf  
indemnify,  
liability  
Contributor by reason  
liability.

9. Accepting Warranty or Additional Liability. While  
the Work or Derivative Works thereof, You may choose to  
and charge a fee for, acceptance of support, warranty,  
or other liability obligations and/or rights consistent  
License. However, in accepting such obligations, You  
on Your own behalf and on Your sole responsibility, not  
of any other Contributor, and only if You agree to  
defend, and hold each Contributor harmless for any  
incurred by, or claims asserted against, such  
of your accepting any such warranty or additional

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

following  
brackets ""{}""  
include  
appropriate  
that a  
included on the  
easier

To apply the Apache License to your work, attach the  
boilerplate notice, with the fields enclosed by  
replaced with your own identifying information. (Don't  
the brackets!) The text should be enclosed in the  
comment syntax for the file format. We also recommend  
file or class name and description of purpose be  
same ""printed page"" as the copyright notice for  
identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the  
 ""License"" );  
 you may not use this file except in compliance with the  
 License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing,  
 software

distributed under the License is distributed on an ""AS  
 IS"" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either  
 express or implied.

See the License for the specific language governing  
 permissions and

limitations under the License.

=====  
 =====

**jsonwebtoken.io,jjwt-impl,0.12.3,**

"TOP LEVEL Public Licenses & Copyright Notices - io.jsonwebtoken:jjwt-  
 impl:0.12.3

=====  
 LICENSE:  
 =====

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use,  
 reproduction,  
 and distribution as defined by Sections 1 through 9 of this  
 document.

""Licensor"" shall mean the copyright owner or entity authorized by  
 the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all  
 other entities that control, are controlled by, or are under common  
 control with that entity. For the purposes of this definition,  
 ""control"" means (i) the power, direct or indirect, to cause the  
 direction or management of such entity, whether by contract or  
 otherwise, or (ii) ownership of fifty percent (50%) or more of the  
 outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"" ) shall mean an individual or Legal Entity  
 exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making  
 modifications,

including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

=====  
COPYRIGHT:  
=====

Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 @ miginfocom . com)  
All rights reserved.

=====  
NOTICE:  
=====

Licence (BSD):  
=====

Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64 @ miginfocom . com)  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:  
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.  
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.  
Neither the name of the MiG InfoCom AB nor the names of its contributors may be

## Third-Party Notices

---

used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

óóóóóSEPERATORóóóóó-

4TH PARTY DEPENDENCY #1 io.jsonwebtoken:jjwt-api:jar:0.12.3

=====

LICENSE: same as top level license

=====

=====

COPYRIGHT: same as top level copyright

=====

=====

NOTICE: same as top level notice

=====

**jsonwebtoken.io, jjwt-jackson, 0.12.3,**

=====

=====

Top level component : jjwt-jackson 0.12.3

=====

=====

\* Copyright  
Copyright 2018 JWTK

\* Notice  
Copyright 2018 JWTK

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

software  
 Unless required by applicable law or agreed to in writing,  
 distributed under the License is distributed on an "AS IS"  
 BASIS,  
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express  
 or implied.  
 See the License for the specific language governing  
 permissions and  
 limitations under the License.

Notice text for jjwt

-----

Base64 implementation  
 JWT's io.jsonwebtoken.io.Base64 implementation is based  
 on MigBase64 with continued  
 modifications for Base64 URL support and additional test  
 cases. The MigBase64 copyright  
 and license notice have been retained and are repeated  
 here per that code's requirements:

Licence (BSD):

=====

Copyright (c) 2004, Mikael Grev, MiG InfoCom AB. (base64  
 @ miginfocom . com)  
 All rights reserved.

Redistribution and use in source and binary forms, with  
 or without modification,  
 are permitted provided that the following conditions are  
 met:

Redistributions of source code must retain the above  
 copyright notice, this list  
 of conditions and the following disclaimer.  
 Redistributions in binary form must reproduce the above  
 copyright notice, this  
 list of conditions and the following disclaimer in the  
 documentation and/or other  
 materials provided with the distribution.  
 Neither the name of the MiG InfoCom AB nor the names of  
 its contributors may be  
 used to endorse or promote products derived from this  
 software without specific  
 prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND  
 CONTRIBUTORS "AS IS" AND

ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
 LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A  
 PARTICULAR PURPOSE ARE DISCLAIMED.

IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
 LIABLE FOR ANY DIRECT,

## Third-Party Notices

---

INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR  
CONSEQUENTIAL DAMAGES (INCLUDING,  
BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
SERVICES; LOSS OF USE, DATA,  
OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND  
ON ANY THEORY OF LIABILITY,  
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING  
NEGLIGENCE OR OTHERWISE)  
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN  
IF ADVISED OF THE POSSIBILITY  
OF SUCH DAMAGE.

Additionally, the following classes were copied from the  
Apache Commons-Codec project,  
with further JWT-specific modifications:

```
io.jsonwebtoken.impl.io.Base64Codec  
io.jsonwebtoken.impl.io.Base64InputStream  
io.jsonwebtoken.impl.io.Base64OutputStream  
io.jsonwebtoken.impl.io.BaseNCodec  
io.jsonwebtoken.impl.io.BaseNCodecInputStream  
io.jsonwebtoken.impl.io.BaseNCodecOutputStream  
io.jsonwebtoken.impl.io.CodecPolicy  
Its attribution:
```

Apache Commons Codec  
Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).  
Also, the following classes were copied from the Apache  
Commons-IO project, with further  
JWT-specific modifications:

```
io.jsonwebtoken.impl.io.CharSequenceReader  
io.jsonwebtoken.impl.io.FilteredInputStream  
io.jsonwebtoken.impl.io.FilteredOutputStream  
io.jsonwebtoken.impl.io.ClosedInputStream  
io.jsonwebtoken.impl.io.UncloseableInputStream  
It's attribution:
```

Apache Commons IO  
Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

\* License

Apache 2.0

Apache License  
Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND  
DISTRIBUTION

## 1. Definitions.

use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

authorized by the copyright owner or entity that is granting the License.

entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition,

cause the "control" means (i) the power, direct or indirect, to direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

Entity "You" (or "Your") shall mean an individual or Legal exercising permissions granted by this License.

making modifications, "Source" form shall mean the preferred form for including but not limited to software source code, documentation source, and configuration files.

mechanical "Object" form shall mean any form resulting from transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

Source or "Work" shall mean the work of authorship, whether in indicated by a Object form, made available under the License, as work copyright notice that is included in or attached to the (an example is provided in the Appendix below).

Source or Object "Derivative Works" shall mean any work, whether in form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, irrevocable, worldwide, non-exclusive, no-charge, royalty-free, copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer,

indemnity, and charge a fee for, acceptance of support, warranty,  
with this or other liability obligations and/or rights consistent  
may act only License. However, in accepting such obligations, You  
on behalf on Your own behalf and on Your sole responsibility, not  
indemnify, of any other Contributor, and only if You agree to  
liability defend, and hold each Contributor harmless for any  
Contributor by reason incurred by, or claims asserted against, such  
liability. of your accepting any such warranty or additional

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

following To apply the Apache License to your work, attach the  
brackets ""{}"" boilerplate notice, with the fields enclosed by  
include replaced with your own identifying information. (Don't  
appropriate the brackets!) The text should be enclosed in the  
that a comment syntax for the file format. We also recommend  
included on the file or class name and description of purpose be  
easier same ""printed page"" as the copyright notice for  
identification within third-party archives.

Copyright {yyyy} {name of copyright owner}  
Licensed under the Apache License, Version 2.0 (the  
""License""); you may not use this file except in compliance with the  
License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

software Unless required by applicable law or agreed to in writing,  
IS"" BASIS, distributed under the License is distributed on an ""AS  
express or implied. WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either  
permissions and See the License for the specific language governing  
limitations under the License.

```

=====
=====
Fourth party dependencies
-----
#01 io.jsonwebtoken.jjwt-api
#02 com.fasterxml.jackson.core.jackson-databind
#03 com.fasterxml.jackson.core.jackson-annotations
#04 com.fasterxml.jackson.core.jackson-core
=====
=====
Fourty party #01 io.jsonwebtoken.jjwt-api
=====
=====
License Text and Notice are use top level component
=====
=====
Fourty party #02 com.fasterxml.jackson.core.jackson-databind
=====
=====
* Copyright
  Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

* Notice
  # Jackson JSON processor

  Jackson is a high-performance, Free/Open Source JSON
processing library.
  It was originally written by Tatu Saloranta
(tatu.saloranta@iki.fi), and has
  been in development since 2007.
  It is currently developed by a community of developers.

## Copyright

  Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

  Jackson 2.x core and extension components are licensed under
Apache License 2.0
  To find the details that apply to this artifact see the
accompanying LICENSE file.

## Credits

  A list of contributors may be found from CREDITS(-2.x) file,
which is included
  in some artifacts (usually source distributions); but is
always available
  from the source code management (SCM) system project uses.

* License
  Apache 2.0
=====
=====
Fourty party #03 com.fasterxml.jackson.core.jackson-annotations

```

## Third-Party Notices

---

```
=====
=====
* Copyright
  Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

* Notice
  # Jackson JSON processor

  Jackson is a high-performance, Free/Open Source JSON
processing library.
  It was originally written by Tatu Saloranta
(tatu.saloranta@iki.fi), and has
  been in development since 2007.
  It is currently developed by a community of developers.

  ## Copyright

  Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

  ## Licensing

  Jackson 2.x core and extension components are licensed under
Apache License 2.0
  To find the details that apply to this artifact see the
accompanying LICENSE file.

  ## Credits

  A list of contributors may be found from CREDITS(-2.x) file,
which is included
  in some artifacts (usually source distributions); but is
always available
  from the source code management (SCM) system project uses.

* License
  Apache 2.0
=====
=====
  Fourty party #04 com.fasterxml.jackson.core.jackson-core
=====
=====
* Copyright
  Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

* Notice
  # Jackson JSON processor

  Jackson is a high-performance, Free/Open Source JSON
processing library.
  It was originally written by Tatu Saloranta
(tatu.saloranta@iki.fi), and has
  been in development since 2007.
  It is currently developed by a community of developers.

  ## Copyright
```

---

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## ## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

## ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

## ## FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser <<https://github.com/wrandelshofer/FastDoubleParser>>.

That code is available under an MIT license <<https://github.com/wrandelshofer/FastDoubleParser/blob/main/LICENSE>> under the following copyright.

Copyright © 2023 Werner Randelshofer, Switzerland. MIT License.

See FastDoubleParser-NOTICE for details of other source code included in FastDoubleParser and the licenses and copyrights that apply to that code.

### Notice for FastDoubleParser

-----

#### # FastDoubleParser

This is a Java port of Daniel Lemire's fast\_float project.

This project provides parsers for double, float, BigDecimal and BigInteger values.

## ## Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

## ## Licensing

This code is licensed under MIT License.

<https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE>

(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project - as is required by that license.)

## Third-Party Notices

---

Some portions of the code have been derived from other projects.

All these projects require that we include a copyright notice, and some require that we also include some text of their license file.

fast\_double\_parser, Copyright (c) 2022 Daniel Lemire.  
Apache 2.0 License.

[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)

[https://github.com/fastfloat/fast\\_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE](https://github.com/fastfloat/fast_float/blob/dc88f6f882ac7eb8ec3765f633835cb76afa0ac2/LICENSE-APACHE)

fast\_float, Copyright (c) 2021 The fast\_float authors.  
Apache 2.0 License.

[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)

[https://github.com/lemire/fast\\_double\\_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE](https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE)

bigint, Copyright 2020 Tim Bukt. 2-clause BSD License.  
<https://github.com/tbukt/bigint/tree/floatfft>

<https://github.com/tbukt/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e2586107f029/LICENSE>

<https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE>

(We only use those portions of the bigint project that can be licensed under 2-clause BSD License.)

(The file 'bigint-LICENSE' is included in the sources and classes Jar files that are released by this project - as is required by that license.)

\* License

Apache 2.0

FastDoubleParser related Licenses below

-----

MIT License

Copyright (c) 2023 Werner Randelshofer, Switzerland.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights

to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is

furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

bigint-LICENSE (BSD Clause 2)

-----  
Copyright 2022 Tim Buktu

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

## Third-Party Notices

---

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING  
IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE  
POSSIBILITY OF SUCH DAMAGE.

=====  
=====

**neo4j,neo4j-go-driver,5.14.0,**

" ----- Top-Level License -----

-----

Apache-2.0

Apache License

Version 2.0, January 2004  
<https://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

""License"" shall mean the terms and conditions for use,  
reproduction,  
and distribution as defined by Sections 1 through 9 of this  
document.

""Licensor"" shall mean the copyright owner or entity authorized by  
the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all  
other entities that control, are controlled by, or are under common  
control with that entity. For the purposes of this definition,  
""control"" means (i) the power, direct or indirect, to cause the  
direction or management of such entity, whether by contract or  
otherwise, or (ii) ownership of fifty percent (50%) or more of the  
outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity  
exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making  
modifications,  
including but not limited to software source code, documentation  
source, and configuration files.

""Object"" form shall mean any form resulting from mechanical  
transformation or translation of a Source form, including but  
not limited to compiled object code, generated documentation,  
and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or  
Object form, made available under the License, as indicated by a  
copyright notice that is included in or attached to the work  
(an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or  
Object  
form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have

made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

## Third-Party Notices

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Copyright -----  
-----  
Copyright (c) "Neo4j"

----- Fourth Party Dependencies -----  
-----  
None"  
**neo4j,neo4j-java-driver,5.14.0,"**

-----  
Top Level Component:  
-----  
org.neo4j.driver:neo4j-java-driver

-----  
Top Level Component Copyright Notices:  
-----  
## Copyright  
Copyright (c) "Neo4j"  
Neo4j Sweden AB [https://neo4j.com]

This file is part of Neo4j.

## Licensing  
Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

-----  
Top Level Component License:  
-----

This copy of Neo4j Java Driver is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivative works.

You may obtain a copy of the License at:

<http://www.apache.org/licenses/LICENSE-2.0>

-----Separator-----  
-----  
===== Third-party  
=====

1# "reactive-streams" (org.reactivestreams:reactive-streams)  
1# Copyright Notices:

---

```
## Copyright
```

```
Copyright 2014 Reactive Streams
```

```
## Licensing
```

```
This project is a collaboration between engineers from Kaazing,
Lightbend, Netflix, Pivotal, Red Hat, Twitter and many others. This
project is licensed under MIT No Attribution (SPDX: MIT-0).
```

```
## Credits
```

```
A list of contributors may be found from Relicensing.txt file, which
is included
  in some artifacts (usually source distributions); but is always
available
  from the source code management (SCM) system project uses.
```

```
1# License : MIT No Attribution (SPDX: MIT-0)
```

```
-----Separator-----
```

```
2#  ""netty-handler"" (io.netty:netty-handler)
2#  Copyright Notices:
```

```
## Copyright and Notices
```

```
Copyright 2014 The Netty Project
```

```
The Netty Project licenses this file to you under the Apache License,
version 2.0 (the ""License""); you may not use this file except in
compliance
with the License. You may obtain a copy of the License at:
```

```
https://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an ""AS IS"" BASIS,
WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.
```

```
Also, please refer to each LICENSE.<component>.txt file, which is located
in
the 'license' directory of the distribution file, for the license terms of
the
components that this product depends on.
```

```
This product contains the extensions to Java Collections Framework which
has
been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:
```

- \* LICENSE:
- \* license/LICENSE.jsr166y.txt (Public Domain)

## Third-Party Notices

---

\* HOMEPAGE:

\* <http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/>

\* [http://viewvc.jboss.org/cgi-](http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/)

[bin/viewvc.cgi/jboss-cache/experimental/jsr166/](http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jboss-cache/experimental/jsr166/)

This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:

\* LICENSE:

\* [license/LICENSE.base64.txt](#) (Public Domain)

\* HOMEPAGE:

\* <http://iharder.sourceforge.net/current/java/base64/>

This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:

\* LICENSE:

\* [license/LICENSE.webbit.txt](#) (BSD License)

\* HOMEPAGE:

\* <https://github.com/joewalnes/webbit>

This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:

\* LICENSE:

\* [license/LICENSE.slf4j.txt](#) (MIT License)

\* HOMEPAGE:

\* <https://www.slf4j.org/>

This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:

\* NOTICE:

\* [license/NOTICE.harmony.txt](#)

\* LICENSE:

\* [license/LICENSE.harmony.txt](#) (Apache License 2.0)

\* HOMEPAGE:

\* <https://archive.apache.org/dist/harmony/>

This product contains a modified portion of 'jzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:

\* LICENSE:

\* [license/LICENSE.jzip2.txt](#) (MIT License)

\* HOMEPAGE:

\* <https://code.google.com/p/jzip2/>

This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at:

- \* LICENSE:
- \* license/LICENSE.libdivsufsort.txt (MIT License)
- \* HOMEPAGE:
- \* <https://github.com/y-256/libdivsufsort>

This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.jctools.txt (ASL2 License)
- \* HOMEPAGE:
- \* <https://github.com/JCTools/JCTools>

This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.jzlib.txt (BSD style License)
- \* HOMEPAGE:
- \* <http://www.jcraft.com/jzlib/>

This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:

- \* LICENSE:
- \* license/LICENSE.compress-lzf.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* <https://github.com/ning/compress>

This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:

- \* LICENSE:
- \* license/LICENSE.lz4.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* <https://github.com/jpountz/lz4-java>

This product optionally depends on 'lzma-java', a LZMA Java compression and decompression library, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.lzma-java.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* <https://github.com/jponge/lzma-java>

This product optionally depends on 'zstd-jni', a zstd-jni Java compression and decompression library, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.zstd-jni.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* <https://github.com/luben/zstd-jni>

## Third-Party Notices

---

This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.jfastlz.txt (MIT License)
- \* HOMEPAGE:
  - \* <https://code.google.com/p/jfastlz/>

This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.protobuf.txt (New BSD License)
- \* HOMEPAGE:
  - \* <https://github.com/google/protobuf>

This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.bouncycastle.txt (MIT License)
- \* HOMEPAGE:
  - \* <https://www.bouncycastle.org/>

This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.snappy.txt (New BSD License)
- \* HOMEPAGE:
  - \* <https://github.com/google/snappy>

This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/jboss-remoting/jboss-marshalling>

This product optionally depends on 'Caliper', Google's micro-benchmarking framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.caliper.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/google/caliper>

This product optionally depends on 'Apache Commons Logging', a logging

---

framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.common-logging.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://commons.apache.org/logging/>

This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.log4j.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://logging.apache.org/log4j/>

This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.aalto-xml.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://wiki.fasterxml.com/AaltoHome>

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.hpack.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/twitter/hpack>

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.hyper-hpack.txt (MIT License)
- \* HOMEPAGE:
  - \* <https://github.com/python-hyper/hpack/>

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:

- \* LICENSE:
  - \* license/LICENSE.nghttp2-hpack.txt (MIT License)
- \* HOMEPAGE:
  - \* <https://github.com/nghttp2/nghttp2/>

This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:

## Third-Party Notices

---

```
* LICENSE:
* license/LICENSE.commons-lang.txt (Apache License 2.0)
* HOMEPAGE:
* https://commons.apache.org/proper/commons-lang/
```

This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

```
* LICENSE:
* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)
* HOMEPAGE:
* https://github.com/takari/maven-wrapper
```

This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS.

This private header is also used by Apple's open source mDNSResponder (<https://opensource.apple.com/tarballs/mDNSResponder/>).

```
* LICENSE:
* license/LICENSE.dnsinfo.txt (Apple Public Source License 2.0)
* HOMEPAGE:
* https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h
```

This product optionally depends on 'Brotli4j', Brotli compression and decompression for Java., which can be obtained at:

```
* LICENSE:
* license/LICENSE.brotli4j.txt (Apache License 2.0)
* HOMEPAGE:
* https://github.com/hyperxpro/Brotli4j
```

### ## Licensing

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

2# License : Apache License, Version 2.0

-----Separator-----  
-----

```
3# ""io.netty:netty-transport-native-unix-common""
3#   Copyright Notices:
```

```
## Copyright
```

```
Copyright 2014 The Netty Project
```

```
## Licensing
```

```
The Netty Project licenses this file to you under the Apache
License,
version 2.0 (the ""License ""); you may not use this file except in
compliance
with the License. You may obtain a copy of the License at:
```

```
https://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an ""AS IS"" BASIS,
WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.
```

```
3#   License : Apache License, Version 2.0
```

```
-----Separator-----
-----
```

```
4# ""io.netty:netty-tcnative-classes""
4#   Copyright Notices:
```

```
## Copyright
```

```
Copyright 2016 The Netty Project
```

```
The Netty Project licenses this file to you under the Apache License,
version 2.0 (the ""License ""); you may not use this file except in
compliance
with the License. You may obtain a copy of the License at:
```

```
http://www.apache.org/licenses/LICENSE-2.0
```

```
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an ""AS IS"" BASIS,
WITHOUT
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
License for the specific language governing permissions and limitations
under the License.
```

```
This product contains a forked and modified version of Tomcat Native
```

- \* LICENSE:
- \* [license/LICENSE.tomcat-native.txt](#) (Apache License 2.0)
- \* [HOMEPAGE:](#)

## Third-Party Notices

---

- \* <http://tomcat.apache.org/native-doc/>
- \* <https://svn.apache.org/repos/asf/tomcat/native/>

This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

- \* LICENSE:
  - \* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)
- \* HOMEPAGE:
  - \* <https://github.com/takari/maven-wrapper>

This product contains small piece of code to support AIX, taken from netbsd.

- \* LICENSE:
  - \* license/LICENSE.aix-netbsd.txt (OpenSSL License)
- \* HOMEPAGE:
  - \* <https://ftp.netbsd.org/pub/NetBSD/NetBSD-current/src/crypto/external/bsd/openssl/dist>

This product contains code from boringssl.

- \* LICENSE (Combination ISC and OpenSSL license)
  - \* license/LICENSE.boringssl.txt (Combination ISC and OpenSSL license)
- \* HOMEPAGE:
  - \* <https://boringssl.googleusercontent.com/boringssl/>

### ## Licensing

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

4# License : Apache License, Version 2.0

-----Separator-----  
-----

5# "io.projectreactor:reactor-core"  
5# Copyright Notices:

### ## Copyright

Copyright (c) 2016-2021 VMware Inc. or its affiliates, All Rights Reserved.

## Licensing

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

5# License : Apache License, Version 2.0

==== Fourth-party  
=====

6# "io.netty:netty-common"

6# Copyright Notices:

## Copyright

Copyright 2014 The Netty Project

## Licensing

The Netty Project licenses this file to you under the Apache License,  
version 2.0 (the "License"); you may not use this file except in  
compliance  
with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT  
WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the  
License for the specific language governing permissions and limitations  
under the License.

6# License : Apache License, Version 2.0

-----Separator-----  
-----

7# "io.netty:netty-resolver"

7# Copyright Notices:

## Copyright

Copyright 2014 The Netty Project

## Licensing

## Third-Party Notices

---

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

7# License : Apache License, Version 2.0

-----Separator-----  
-----

8# "io.netty:netty-buffer"  
8# Copyright Notices:

## Copyright

Copyright 2014 The Netty Project

## Licensing

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

8# License : Apache License, Version 2.0

-----Separator-----  
-----

9# "io.netty:netty-transport"  
9# Copyright Notices:

## Copyright

Copyright 2014 The Netty Project

## Licensing

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

9# License : Apache License, Version 2.0

-----Separator-----  
-----

10# "io.netty:netty-codec"

10# Copyright Notices:

## Copyright

Copyright 2014 The Netty Project

## Licensing

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

10# License : Apache License, Version 2.0

==== Licenses  
=====

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of

the Derivative Works; and

- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----Separator-----  
-----

MIT No Attribution

Copyright <YEAR> <COPYRIGHT HOLDER>

Permission is hereby granted, free of charge, to any person obtaining a copy of this

## Third-Party Notices

---

software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----Separator-----  
-----

JSR-166,base64 from the Netty Project

The person or persons who have associated work with this document (the ""Dedicator"" or ""Certifier"") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the ""Work"") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a ""dedicator"" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes

the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

-----Separator-----  
-----

BSD License

(BSD License: <https://www.opensource.org/licenses/bsd-license>)

Copyright (c) 2011, Joe Walnes, Aslak Hellesøy and contributors  
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the Webbit nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----Separator-----  
-----

MIT License

Copyright © 2023 <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----Separator-----  
-----

BSD Style License

Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT,

INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----Separator-----  
-----

#### New BSD License

Protocol Buffers - Google's data interchange format  
Copyright 2013 Google Inc. All rights reserved.  
<https://developers.google.com/protocol-buffers/>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

-----Separator-----  
-----

Apple Public Source License 2.0

## Third-Party Notices

---

```
* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights
reserved.
*
* @APPLE_LICENSE_HEADER_START@
*
* This file contains Original Code and/or Modifications of Original Code
* as defined in and that are subject to the Apple Public Source License
* Version 2.0 (the 'License'). You may not use this file except in
* compliance with the License. Please obtain a copy of the License at
* https://www.opensource.apple.com/apsl/ and read it before using this
* file.
*
* The Original Code and all software distributed under the License are
* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER
* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES,
* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY,
* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT.
* Please see the License for the specific language governing rights and
* limitations under the License.
*
* @APPLE_LICENSE_HEADER_END@
```

-----Separator-----  
-----

### OpenSSL License -----

```
/* =====
* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
*
* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.
*
* 2. Redistributions in binary form must reproduce the above copyright
* notice, this list of conditions and the following disclaimer in
* the documentation and/or other materials provided with the
* distribution.
*
* 3. All advertising materials mentioning features or use of this
* software must display the following acknowledgment:
* "This product includes software developed by the OpenSSL Project
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
*
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be
used to
* endorse or promote products derived from this software without
* prior written permission. For written permission, please contact
* openssl-core@openssl.org.
*
```

\* 5. Products derived from this software may not be called "OpenSSL"  
 \* nor may "OpenSSL" appear in their names without prior written  
 \* permission of the OpenSSL Project.

\* 6. Redistributions of any form whatsoever must retain the following  
 \* acknowledgment:  
 \* "This product includes software developed by the OpenSSL Project  
 \* for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

\* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY  
 \* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
 \* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR  
 \* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR  
 \* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
 \* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT  
 \* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;  
 \* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
 \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,  
 \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)  
 \* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED  
 \* OF THE POSSIBILITY OF SUCH DAMAGE.

\* =====

\* This product includes cryptographic software written by Eric Young  
 \* (eay@cryptsoft.com). This product includes software written by Tim  
 \* Hudson (tjh@cryptsoft.com).

\*  
 \*/

Original SSLeay License

-----

/\* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)

\* All rights reserved.

\*

\* This package is an SSL implementation written  
 \* by Eric Young (eay@cryptsoft.com).

\* The implementation was written so as to conform with Netscapes SSL.

\*

\* This library is free for commercial and non-commercial use as long as  
 \* the following conditions are aheared to. The following conditions  
 \* apply to all code found in this distribution, be it the RC4, RSA,  
 \* lhash, DES, etc., code; not just the SSL code. The SSL documentation  
 \* included with this distribution is covered by the same copyright terms  
 \* except that the holder is Tim Hudson (tjh@cryptsoft.com).

\*

\* Copyright remains Eric Young's, and as such any Copyright notices in  
 \* the code are not to be removed.

\* If this package is used in a product, Eric Young should be given  
 attribution

\* as the author of the parts of the library used.

\* This can be in the form of a textual message at program startup or  
 \* in documentation (online or textual) provided with the package.

\*

\* Redistribution and use in source and binary forms, with or without  
 \* modification, are permitted provided that the following conditions

## Third-Party Notices

---

```
* are met:
* 1. Redistributions of source code must retain the copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
*    must display the following acknowledgement:
*    ""This product includes cryptographic software written by
*    Eric Young (eay@cryptsoft.com)""
*    The word 'cryptographic' can be left out if the routines from the
library
*    being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*    the apps directory (application code) you must include an
acknowledgement:
*    ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed. i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
```

-----Separator-----  
-----

Combination ISC and OpenSSL license

BoringSSL is a fork of OpenSSL. As such, large parts of it fall under  
OpenSSL  
licensing. Files that are completely new have a Google copyright and an  
ISC  
license. This license is reproduced at the bottom of this file.

Contributors to BoringSSL are required to follow the CLA rules for Chromium:  
<https://cla.developers.google.com/clas>  
Files in `third_party/` have their own licenses, as described therein. The MIT license, for `third_party/ fiat`, which, unlike other `third_party` directories, is compiled into non-test libraries, is included below. The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org). The following are Google-internal bug numbers where explicit permission from some authors is recorded for use of their work. (This is purely for our own record keeping.)

- 27287199
- 27287880
- 27287883

OpenSSL License  
-----

```

/* =====
 * Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 * notice, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in
 * the documentation and/or other materials provided with the
 * distribution.
 *
 * 3. All advertising materials mentioning features or use of this
 * software must display the following acknowledgment:
 * "This product includes software developed by the OpenSSL Project
 * for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
 *
 * 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be
used to
 * endorse or promote products derived from this software without
 * prior written permission. For written permission, please contact
 * openssl-core@openssl.org.
 *
 * 5. Products derived from this software may not be called "OpenSSL"
 * nor may "OpenSSL" appear in their names without prior written
 * permission of the OpenSSL Project.
 *

```

## Third-Party Notices

---

```
* 6. Redistributions of any form whatsoever must retain the following
*   acknowledgment:
*   ""This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com).  This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/
Original SSLeay License
-----
/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to.  The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code.  The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
```

```
* 3. All advertising materials mentioning features or use of this
software
*   must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the routines from the
library
*   being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*   the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed. i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/
ISC license used for completely new code in BoringSSL:
/* Copyright (c) 2015, Google Inc.
*
* Permission to use, copy, modify, and/or distribute this software for
any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
*
* THE SOFTWARE IS PROVIDED ""AS IS"" AND THE AUTHOR DISCLAIMS ALL
WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
ANY
* SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
ACTION
* OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
* CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. */
```

## Third-Party Notices

---

The code in `third_party/ fiat` carries the MIT license:  
Copyright (c) 2015-2016 the fiat-crypto authors (see  
<https://github.com/mit-plv/fiat-crypto/blob/master/AUTHORS>).  
Permission is hereby granted, free of charge, to any person obtaining a  
copy  
of this software and associated documentation files (the "Software"), to  
deal  
in the Software without restriction, including without limitation the  
rights  
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of the Software, and to permit persons to whom the Software is  
furnished to do so, subject to the following conditions:  
The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.  
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL  
THE  
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER  
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING  
FROM,  
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN  
THE  
SOFTWARE.

Licenses for support code  
-----

Parts of the TLS test suite are under the Go license. This code is not  
included  
in BoringSSL (i.e. libcrypto and libssl) when compiled, however, so  
distributing code linked against BoringSSL does not trigger this license:  
Copyright (c) 2009 The Go Authors. All rights reserved.  
Redistribution and use in source and binary forms, with or without  
modification, are permitted provided that the following conditions are  
met:

- \* Redistributions of source code must retain the above copyright  
notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above  
copyright notice, this list of conditions and the following disclaimer  
in the documentation and/or other materials provided with the  
distribution.

- \* Neither the name of Google Inc. nor the names of its  
contributors may be used to endorse or promote products derived from  
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS  
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT  
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR  
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT  
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,  
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT  
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,  
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY  
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT  
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE  
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BoringSSL uses the Chromium test infrastructure to run a continuous build, trybots etc. The scripts which manage this, and the script for generating build

metadata, are under the Chromium license. Distributing code linked against BoringSSL does not trigger this license.

Copyright 2015 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====  
=====

"

npm,postman-request,2.88.1-postman.33,"postman-request (Apache-2.0)

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of

## Third-Party Notices

---

such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, ""submitted"" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide,

non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

## Third-Party Notices

---

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

postman-request depends on the following technologies/licenses.  
A copy of each license is included accordingly.

- @postman/form-data (MIT)
- asynckit (MIT)
- combined-stream (MIT)
- mime-types (MIT)
- @postman/tough-cookie (BSD-3-Clause)
- psl (MIT)
- punycode (MIT)
- universalify (MIT)
- url-parse (MIT)
- querystringify (MIT)
- requires-port (MIT)
- @postman/tunnel-agent (Apache-2.0)
- safe-buffer (MIT)
- aws-sign2 (Apache-2.0)

---

- aws4 (MIT)
- brotli (MIT)
- base64-js (MIT)
- caseless (Apache-2.0)
- delayed-stream (MIT)
- extend (MIT)
- forever-agent (Apache-2.0)
- har-validator (MIT)
- ajv (MIT)
- fast-deep-equal (MIT)
- fast-json-stable-stringify (MIT)
- json-schema-traverse (MIT)
- uri-js (BSD-2-Clause)
- har-schema (ISC)
- http-signature (MIT)
- assert-plus (MIT)
- jsprim (MIT)
- extsprintf (MIT)
- json-schema (AFL-2.1 OR BSD-3-Clause)
- verror (MIT)
- core-util-is (MIT)
- sshpk (MIT)
- asn1 (MIT)
- safer-buffer (MIT)
- bcrypt-pbkdf (BSD-3-Clause)
- tweetnacl (Unlicense)
- dashdash (MIT)
- ecc-jsbn (MIT)
- jsbn (MIT)
- getpass (MIT)
- is-typedarray (MIT)
- isstream (MIT)
- json-stringify-safe (ISC)
- mime-db (MIT)
- oauth-sign (Apache-2.0)
- performance-now (MIT)
- qs (BSD-3-Clause)
- stream-length (WTFPL)
- bluebird (MIT)
- uuid (MIT)

-----  
-----  
#### @postman/form-data (MIT)

Copyright (c) 2012 Felix Geisendörfer  
Copyright (c) 2020 Postman Inc.

-----  
-----  
#### asynckit (MIT)

Copyright (c) 2016 Alex Indigo

-----  
-----  
#### combined-stream (MIT)

## Third-Party Notices

---

Copyright (c) 2011 Debuggable Limited

-----  
-----

#### mime-types (MIT)

Copyright (c) 2014 Jonathan Ong

Copyright (c) 2015 Douglas Christopher Wilson

-----  
-----

#### @postman/tough-cookie (BSD-3-Clause)

Copyright (c) 2015, Salesforce.com, Inc.

-----  
-----

#### psl (MIT)

Copyright (c) 2017 Lupo Montero lupomontero@gmail.com

-----  
-----

#### punycode (MIT)

Copyright Mathias Bynens

-----  
-----

#### universalify (MIT)

Copyright (c) 2017, Ryan Zimmerman

-----  
-----

#### url-parse (MIT)

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

-----  
-----

#### querystringify (MIT)

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

-----  
-----

#### requires-port (MIT)

Copyright (c) 2015 Unshift.io, Arnout Kazemier, the Contributors.

-----  
-----

#### @postman/tunnel-agent (Apache-2.0)

-----  
-----

-----  
-----

#### safe-buffer (MIT)

Copyright (c) Feross Aboukhadijeh

-----  
-----

#### aws-sign2 (Apache-2.0)

```
-----  
-----  
#### aws4 (MIT)  
  
Copyright 2013 Michael Hart  
-----  
-----  
#### brotli (MIT)  
  
-----  
-----  
#### base64-js (MIT)  
  
Copyright (c) 2014 Jameson Little  
-----  
-----  
#### caseless (Apache-2.0)  
  
-----  
-----  
#### delayed-stream (MIT)  
  
Copyright (c) 2011 Debuggable Limited  
-----  
-----  
#### extend (MIT)  
  
Copyright (c) 2014 Stefan Thomas  
-----  
-----  
#### forever-agent (Apache-2.0)  
  
-----  
-----  
#### har-validator (MIT)  
  
Copyright (c) 2018 Ahmad Nassri  
-----  
-----  
#### ajv (MIT)  
  
Copyright (c) 2015-2017 Evgeny Poberezkin  
-----  
-----  
#### fast-deep-equal (MIT)  
  
Copyright (c) 2017 Evgeny Poberezkin  
-----  
-----  
#### fast-json-stable-stringify (MIT)
```

## Third-Party Notices

---

Copyright (c) 2017 Evgeny Poberezkin  
Copyright (c) 2013 James Halliday

-----  
#### json-schema-traverse (MIT)

Copyright (c) 2017 Evgeny Poberezkin

-----  
#### uri-js (BSD-2-Clause)

Copyright 2011 Gary Court. All rights reserved.

-----  
#### har-schema (ISC)

Copyright (c) 2015, Ahmad Nassri

-----  
#### http-signature (MIT)

Copyright Joyent, Inc. All rights reserved.

-----  
#### assert-plus (MIT)

Copyright (c) 2018, Joyent, Inc. and assert-plus authors

-----  
#### jsprim (MIT)

Copyright (c) 2012, Joyent, Inc. All rights reserved.

-----  
#### extsprintf (MIT)

Copyright (c) 2012, Joyent, Inc. All rights reserved.

-----  
#### json-schema (AFL-2.1 OR BSD-3-Clause)

Dojo is available under *either* the terms of the BSD 3-Clause "New" License *or* the Academic Free License version 2.1. As a recipient of Dojo, you may choose which license to receive this code under (except as noted in per-module LICENSE files). Some modules may not be the copyright of the Dojo Foundation. These modules contain explicit declarations of copyright in both the LICENSE files in the directories in which they reside and in the code itself. No external contributions are allowed under licenses which are fundamentally incompatible with the AFL-2.1 OR and BSD-3-Clause licenses that Dojo is distributed under.

The text of the AFL-2.1 and BSD-3-Clause licenses is reproduced below.

-----  
 -----

BSD 3-Clause "New" License:  
 \*\*\*\*\*

Copyright (c) 2005-2015, The Dojo Foundation  
 All rights reserved.

Redistribution and use in source and binary forms, with or without  
 modification, are permitted provided that the following conditions are  
 met:

- \* Redistributions of source code must retain the above copyright notice,  
 this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright  
 notice,  
 this list of conditions and the following disclaimer in the  
 documentation  
 and/or other materials provided with the distribution.
- \* Neither the name of the Dojo Foundation nor the names of its  
 contributors  
 may be used to endorse or promote products derived from this software  
 without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS  
 IS" AND  
 ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE  
 IMPLIED  
 WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE  
 DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE  
 LIABLE  
 FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL  
 DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
 SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER  
 CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT  
 LIABILITY,  
 OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE  
 USE  
 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

-----  
 -----

The Academic Free License, v. 2.1:  
 \*\*\*\*\*

This Academic Free License (the "License") applies to any original work  
 of  
 authorship (the "Original Work") whose owner (the "Licensor") has  
 placed the  
 following notice immediately following the copyright notice for the  
 Original  
 Work:

## Third-Party Notices

---

Licensed under the Academic Free License version 2.1

1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:

- a) to reproduce the Original Work in copies;
- b) to prepare derivative works ("Derivative Works") based upon the Original Work;
- c) to distribute copies of the Original Work and Derivative Works to the public;
- d) to perform the Original Work publicly; and
- e) to display the Original Work publicly.

2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as

expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.

5) This section intentionally omitted.

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately preceding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental,

## Third-Party Notices

---

or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The

application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. -§ 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys' fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved.

Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.

-----  
-----

## Third-Party Notices

---

#### verror (MIT)

Copyright (c) 2016, Joyent, Inc. All rights reserved.

-----  
#### core-util-is (MIT)

Copyright Node.js contributors. All rights reserved.

-----  
#### sshpk (MIT)

Copyright Joyent, Inc. All rights reserved.

-----  
#### asn1 (MIT)

Copyright (c) 2011 Mark Cavage, All rights reserved.

-----  
#### safer-buffer (MIT)

Copyright (c) 2018 Nikita Skovoroda

-----  
#### bcrypt-pbkdf (BSD-3-Clause)

Copyright 1997 Niels Provos

-----  
#### tweetnacl (Unlicense)

-----  
#### dashdash (MIT)

Copyright (c) 2013 Trent Mick. All rights reserved.

Copyright (c) 2013 Joyent Inc. All rights reserved.

-----  
#### ecc-jsbn (MIT)

Copyright (c) 2014 Jeremie Miller

-----  
#### jsbn (MIT)

Copyright (c) 2003-2005 Tom Wu

-----  
#### getpass (MIT)

Copyright Joyent, Inc. All rights reserved.

#### is-typedarray (MIT)

-----  
#### isstream (MIT)

Copyright (c) 2015 Rod Vagg

-----  
#### json-stringify-safe (ISC)

Copyright (c) Isaac Z. Schlueter and Contributors

-----  
#### mime-db (MIT)

Copyright (c) 2014 Jonathan Ong  
Copyright (c) 2015-2022 Douglas Christopher Wilson

-----  
#### oauth-sign (Apache-2.0)

-----  
#### performance-now (MIT)

Copyright (c) 2013 Braveg1rl

-----  
#### qs (BSD-3-Clause)

Copyright (c) 2014, Nathan LaFreniere and other [contributors]

-----  
#### stream-length (WTFPL)

-----  
#### bluebird (MIT)

Copyright (c) 2013-2015 Petka Antonov

-----  
#### uuid (MIT)

Copyright (c) 2010-2020 Robert Kieffer and other contributors

=====  
=====

## Licenses

A copy of each identified license not already shown is provided here.

---

### Apache-2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or

Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE

file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability

obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

---

### MIT

MIT License

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,

## Third-Party Notices

---

DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

---

### BSD-3-Clause

Copyright (c) <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

### BSD-2-Clause

Copyright (c) <year> <owner> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,

THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

---

### ISC

ISC License:

Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")  
Copyright (c) 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

---

### Unlicense

This is free and unencumbered software released into the public domain.

Anyone is free to copy, modify, publish, use, compile, sell, or distribute this software, either in source code form or as a compiled binary, for any purpose, commercial or non-commercial, and by any means.

In jurisdictions that recognize copyright laws, the author or authors of this software dedicate any and all copyright interest in the software to the public domain. We make this dedication for the benefit of the public at large and to the detriment of our heirs and successors. We intend this dedication to be an overt act of relinquishment in perpetuity of all present and future rights to this software under copyright law.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## Third-Party Notices

---

For more information, please refer to <<http://unlicense.org/>>

---

### WTFPL

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE  
Version 2, December 2004

Copyright (C) 2004 Sam Hocevar <[sam@hocevar.net](mailto:sam@hocevar.net)>

Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. You just DO WHAT THE FUCK YOU WANT TO."  
[openssl.org](http://openssl.org),[OpenSSL](http://OpenSSL.org),1.1.1w,"LICENSE ISSUES  
=====

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.

See below for the actual license texts.

OpenSSL License

-----

```
/* =====  
* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.  
*  
* Redistribution and use in source and binary forms, with or without  
* modification, are permitted provided that the following conditions  
* are met:  
*  
* 1. Redistributions of source code must retain the above copyright  
* notice, this list of conditions and the following disclaimer.  
*  
* 2. Redistributions in binary form must reproduce the above copyright  
* notice, this list of conditions and the following disclaimer in  
* the documentation and/or other materials provided with the  
* distribution.  
*  
* 3. All advertising materials mentioning features or use of this  
* software must display the following acknowledgment:  
* "This product includes software developed by the OpenSSL Project  
* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"  
*  
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be  
used to  
* endorse or promote products derived from this software without  
* prior written permission. For written permission, please contact
```

```

*   openssl-core@openssl.org.
*
* 5. Products derived from this software may not be called "OpenSSL"
*   nor may "OpenSSL" appear in their names without prior written
*   permission of the OpenSSL Project.
*
* 6. Redistributions of any form whatsoever must retain the following
*   acknowledgment:
*   "This product includes software developed by the OpenSSL Project
*   for use in the OpenSSL Toolkit (http://www.openssl.org/)"
*
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* =====
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

```

Original SSLeay License

-----

```

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* lhash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given
attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*

```

## Third-Party Notices

---

```
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*   notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*   notice, this list of conditions and the following disclaimer in the
*   documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this
software
*   must display the following acknowledgement:
*   ""This product includes cryptographic software written by
*   Eric Young (eay@cryptsoft.com)""
*   The word 'cryptographic' can be left out if the routines from the
library
*   being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof)
from
*   the apps directory (application code) you must include an
acknowledgement:
*   ""This product includes software written by Tim Hudson
(tjh@cryptsoft.com)""
*
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version
or
* derivative of this code cannot be changed. i.e. this code cannot
simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
*/"
perl.org,perl,5.16.3-299,"Perl is Copyright (C) 1993, 1994, 1995, 1996,
1997, 1998, 1999, 2000,
2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012,
2013, 2014, 2015, 2016, 2017, 2018, 2019 by Larry Wall and others.
All rights reserved.
```

Perl5 is Copyright (C) 1993-2005, by Larry Wall and others.

---

It is free software; you can redistribute it and/or modify it under the terms of either:

- a) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version, or
- b) the ""Artistic License"".

The ""Artistic License""

#### Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

#### Definitions:

""Package"" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

""Standard Version"" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

""Copyright Holder"" is whoever is named in the copyright or copyrights for the package.

""You"" is you, if you're thinking about copying or distributing this Package.

""Reasonable copying fee"" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

## Third-Party Notices

---

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a

binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED ""AS IS"" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

---

Storable-2.45/Storable.xs: \* Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/Storable.pm:# Copyright (c) 1995-2001, Raphael Manfredi  
 Storable-2.45/Storable.pm:# Copyright (c) 2002-2013 by the Perl 5 Porters  
 Storable-2.45/README: Copyright (c) 1995-2000, Raphael  
 Manfredi  
 Storable-2.45/README: Copyright (c) 2001-2004, Larry Wall  
 Storable-2.45/Makefile.PL:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/ppport.h:Version 3.x, Copyright (c) 2004-2009, Marcus  
 Holland-Moritz.  
 Storable-2.45/ppport.h:Version 2.x, Copyright (C) 2001, Paul Marquess.  
 Storable-2.45/t/tied.t:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/t/store.t:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/t/integer.t:# Copyright 2002, Larry Wall.  
 Storable-2.45/t/dclone.t:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/t/compat06.t:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/t/malice.t:# Copyright 2002, Larry Wall.  
 Storable-2.45/t/code.t:# Copyright (c) 2002 Slaven Rezic  
 Storable-2.45/t/interwork56.t:# Copyright 2002, Larry Wall.  
 Storable-2.45/t/retrieve.t:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/t/circular\_hook.t:# Copyright 2005, Adam Kennedy.  
 Storable-2.45/t/attach\_errors.t:# Copyright 2005, Adam Kennedy.  
 Storable-2.45/t/tied\_items.t:# Copyright (c) 1995-2000, Raphael Manfredi  
 Storable-2.45/t/downgrade.t:# Copyright 2002, Larry Wall.

## Third-Party Notices

---

Storable-2.45/t/overload.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/blessed.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/canonical.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/freeze.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/recurse.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/restrict.t:# Copyright 2002, Larry Wall.  
Storable-2.45/t/compat/Test/Builder.pm:Copyright 2002 by chromatic  
E<lt>chromatic@wgz.orgE<gt>,  
Storable-2.45/t/compat/Test/More.pm:Copyright 2001 by Michael G Schwern  
E<lt>schwern@pobox.comE<gt>.  
Storable-2.45/t/compat/Test/Simple.pm:Copyright 2001 by Michael G Schwern  
E<lt>schwern@pobox.comE<gt>.  
Storable-2.45/t/attach\_singleton.t:# Copyright 2005, Adam Kennedy.  
Storable-2.45/t/st-dump.pl:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/utf8.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/weak.t:# Copyright 2004, Larry Wall.  
Storable-2.45/t/forgive.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/forgive.t:# (C) Copyright 1997, Universitat Dortmund, all  
rights reserved.  
Storable-2.45/t/tied\_hook.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/lock.t:# Copyright (c) 1995-2000, Raphael Manfredi  
Storable-2.45/t/sig\_die.t:# Copyright (c) 2002 Slaven Rezic  
Time-HiRes-1.9725/HiRes.pm:Copyright (c) 1996-2002 Douglas E. Wegscheid.  
All rights reserved.  
Time-HiRes-1.9725/HiRes.pm:Copyright (c) 2002, 2003, 2004, 2005, 2006,  
2007, 2008 Jarkko Hietaniemi.  
Time-HiRes-1.9725/HiRes.pm:Copyright (C) 2011, 2012 Andrew Main (Zefram)  
<zefram@fysh.org>  
Time-HiRes-1.9725/ppport.h:Version 3.x, Copyright (c) 2004-2007, Marcus  
Holland-Moritz.  
Time-HiRes-1.9725/ppport.h:Version 2.x, Copyright (C) 2001, Paul Marquess.  
Time-HiRes-1.9725/ppport.h:Version 1.x, Copyright (C) 1999, Kenneth  
Albanowski.  
Time-HiRes-1.9725/README:Copyright (c) 1996, 1997, 1998, 1999, 2000, 2001,  
2002 Douglas E. Wegscheid.  
Time-HiRes-1.9725/README:Copyright (c) 2002, 2003, 2004, 2005 Jarkko  
Hietaniemi. All rights reserved.  
Time-HiRes-1.9725/README:Copyright (C) 2011, 2012 Andrew Main (Zefram)  
<zefram@fysh.org>  
Time-HiRes-1.9725/HiRes.xs: \* Copyright (c) 1996-2002 Douglas E.  
Wegscheid. All rights reserved.  
Time-HiRes-1.9725/HiRes.xs: \* Copyright (c) 2002-2010 Jarkko Hietaniemi.  
Time-HiRes-1.9725/HiRes.xs: \* Copyright (C) 2011, 2012 Andrew Main  
(Zefram) <zefram@fysh.org>  
constant-1.27/README: Copyright (C) 1997, 1999 Tom Phoenix.  
constant-1.27/lib/constant.pm:Copyright (C) 1997, 1999 Tom Phoenix  
File-Temp-0.2301/lib/File/Temp.pm:This software is copyright (c) 2013 by  
Tim Jenness and the UK Particle Physics and Astronomy Research Council.  
File-Temp-0.2301:This software is Copyright (c) 2013 by Tim Jenness and  
the UK Particle Physics and Astronomy Research Council.  
File-Temp-0.2301:Copyright (C) 1989 Free Software Foundation, Inc.  
Getopt-Long-2.40/lib/Getopt/Long.pm:This program is Copyright 1990,2013 by  
Johan Vromans.  
Getopt-Long-2.40/examples/skel3.pl:This programs is Copyright 2006,2003,  
Squirrel Consultancy.

---

Getopt-Long-2.40/README:Module Getopt::Long is Copyright 2013,1990 by Johan Vromans.  
parent-0.225/lib/parent.pm:Copyright (c) 2007-10 Max Maischein C<< <corion@cpan.org> >>  
podlators-2.5.1/lib/Pod/Text/Termcap.pm:Copyright 1999, 2001, 2002, 2004, 2006, 2008, 2009 Russ Allbery  
podlators-2.5.1/lib/Pod/Text/Overstrike.pm:# Copyright 2000 Joe Smith <Joe.Smith@inwap.com>.  
podlators-2.5.1/lib/Pod/Text/Overstrike.pm:# Copyright 2001, 2004, 2008 Russ Allbery <rra@stanford.edu>.  
podlators-2.5.1/lib/Pod/Text/Overstrike.pm:Copyright 2000 by Joe Smith <Joe.Smith@inwap.com>.  
podlators-2.5.1/lib/Pod/Text/Overstrike.pm:Copyright 2001, 2004, 2008 by Russ Allbery <rra@stanford.edu>.  
podlators-2.5.1/lib/Pod/Text/Color.pm:# Copyright 1999, 2001, 2004, 2006, 2008, 2009 Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/lib/Pod/ParseLink.pm:# Copyright 2001, 2008, 2009 by Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/lib/Pod/ParseLink.pm:Copyright 2001, 2008, 2009 Russ Allbery <rra@stanford.edu>.  
podlators-2.5.1/t/filehandle.t:# Copyright 2006, 2009, 2012 by Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/man-heading.t:# Copyright 2002, 2004, 2006, 2008, 2009, 2012 Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/pod-parser.t:# Copyright 2006, 2008, 2009, 2012 by Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/man-utf8.t:# Copyright 2002, 2004, 2006, 2008, 2009, 2012 Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/pod-spelling.t:# Copyright 2008, 2009 Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/parselink.t:# Copyright 2001, 2009 by Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/man-perlio.t:# Copyright 2002, 2004, 2006, 2008, 2009, 2010, 2012  
podlators-2.5.1/t/pod.t:# Copyright 2009 Russ Allbery <rra@stanford.edu>  
podlators-2.5.1/t/text-utf8.t:# Copyright 2002, 2004, 2006, 2007, 2008, 2009, 2012  
podlators-2.5.1/t/man-options.t:# Copyright 2002, 2004, 2006, 2008, 2009, 2012, 2013  
Pod-Simple-3.28/lib/Pod/Simple/Checker.pm:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple/Search.pm:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple/SimpleTree.pm:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple/Subclassing.pod:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple/Text.pm:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple/TextContent.pm:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple/XHTML.pm:Copyright (c) 2003-2005 Allison Randal.  
Pod-Simple-3.28/lib/Pod/Simple/XMLOutputStream.pm:Copyright (c) 2002-2004 Sean M. Burke.  
Pod-Simple-3.28/lib/Pod/Simple.pod:Copyright (c) 2002 Sean M. Burke.  
Pod-Simple-3.28/README:=head1 copyright and Disclaimers

## Third-Party Notices

---

Pod-Simple-3.28/README:Copyright (c) 2002 Sean M. Burke. All rights reserved.

Pod-Simple-3.28/t/perlfaq.pod:Copyright (c) 1997-1999 Tom Christiansen and Nathan Torkington.

Pod-Simple-3.28/t/perlfaq.txt:AUTHOR AND COPYRIGHT

Pod-Simple-3.28/t/perlfaq.txt:Copyright (c) 1997-1999 Tom Christiansen and Nathan Torkington. All rights reserved.

threads-shared-1.43/examples/class.pl:Copyright 2006 - 2009 Jerry D. Hedden. All rights reserved.

threads-shared-1.43/ppport.h:Version 3.x, Copyright (c) 2004-2009, Marcus Holland-Moritz.

threads-shared-1.43/ppport.h:Version 2.x, Copyright (C) 2001, Paul Marquess.

threads-shared-1.43/ppport.h:Version 1.x, Copyright (C) 1999, Kenneth Albanowski.

threads-shared-1.43/README:Copyright (C) 2001 Artur Bergman <sky AT crucially DOT net>

threads-shared-1.43/shared.xs: \* Copyright (c) 2001-2002, 2006 Larry Wall

Pod-Usage-1.63/lib/Pod/Usage.pm:# Copyright (C) 1996-2000 by Bradford Appleton. All rights reserved.

Pod-Usage-1.63/README:IN NO EVENT WILL ANY COPYRIGHT HOLDER OR ANY OTHER PARTY WHO MAY CREATE, ^M

Pod-Usage-1.63/scripts/pod2usage.PL:# Copyright (c) 1996-2000 by Bradford Appleton. All rights reserved. ^M

Time-Local-1.2300/lib/Time/Local.pm:Copyright (c) 1997-2003 Graham Barr, 2003-2007 David Rolsky. All

Time-Local-1.2300:This software is Copyright (c) 2012 by Dave Rolsky.

Carp-1.26/lib/Carp.pm:Copyright (C) 1994-2012 Larry Wall

Carp-1.26/lib/Carp.pm:Copyright (C) 2011, 2012 Andrew Main (Zefram) <zefram@fysh.org>

Encode-2.51/Encode.pm:Copyright 2002-2013 Dan Kogai I<< <dankogai@cpan.org> >>.

File-Path-2.09/Path.pm:This module is copyright (C) Charles Bailey, Tim Bunce and

File-Path-2.09/t/pod.t:# copyright (C) 2007 David Landgren

Filter-1.49/Call/ppport.h:Version 3.x, Copyright (c) 2004-2009, Marcus Holland-Moritz.

Filter-1.49/Call/ppport.h:Version 2.x, Copyright (C) 2001, Paul Marquess.

Filter-1.49/Call/ppport.h:Version 1.x, Copyright (C) 1999, Kenneth Albanowski.

HTTP-Tiny-0.033/lib/HTTP/Tiny.pm:This software is copyright (c) 2013 by Christian Hansen.

PathTools-3.40/lib/File/Spec/VMS.pm:Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

PathTools-3.40/Cwd.xs: \* Copyright (c) 2003 Constantin S. Svintsoff <kostik@icclub.nsu.ru>

PathTools-3.40/t/lib/Test/More.pm:Copyright 2001, 2002 by Michael G Schwern E<lt>schwern@pobox.comE<gt>.

PathTools-3.40/t/lib/Test/Simple.pm:Copyright 2001 by Michael G Schwern E<lt>schwern@pobox.comE<gt>.

PathTools-3.40/t/lib/Test/Tutorial.pod:Copyright 2001 by Michael G Schwern E<lt>schwern@pobox.comE<gt>.

PathTools-3.40/Cwd.pm:Copyright (c) 2004 by the Perl 5 Porters. All rights reserved.

---

PathTools-3.40/ppport.h:Version 3.x, Copyright (c) 2004-2010, Marcus Holland-Moritz.  
PathTools-3.40/ppport.h:Version 2.x, Copyright (C) 2001, Paul Marquess.  
PathTools-3.40/ppport.h:Version 1.x, Copyright (C) 1999, Kenneth Albanowski.  
PathTools-3.40/ppport.h: my(\$copy) = \$self =~  
/^=head\d\s+COPYRIGHT\s\*(.\*)^=\w+/ms;  
PathTools-3.40/Changes: - Added licensing/copyright statements to the POD  
in each .pm  
Scalar-List-Utills-1.27/lib/Scalar/Util.pm:# Copyright (c) 1997-2007 Graham  
Barr <gbarr@pobox.com>. All rights reserved.  
Scalar-List-Utills-1.27/lib/Scalar/Util.pm:Copyright (c) 1999 Tuomas J.  
Lukka <lukka@iki.fi>. All rights reserved.  
Scalar-List-Utills-1.27/lib/List/Util/XS.pm:Copyright (c) 2008 Graham Barr  
<gbarr@pobox.com>. All rights reserved.  
Scalar-List-Utills-1.27/lib/List/Util.pm:# Copyright (c) 1997-2009 Graham  
Barr <gbarr@pobox.com>. All rights reserved.  
Scalar-List-Utills-1.27/lib/List/Util.pm:Copyright (c) 1997-2007 Graham  
Barr <gbarr@pobox.com>. All rights reserved.  
Scalar-List-Utills-1.27/ListUtil.xs:/\* Copyright (c) 1997-2000 Graham Barr  
<gbarr@pobox.com>. All rights reserved.  
Scalar-List-Utills-1.27/README:Copyright (c) 1997-2006 Graham Barr  
<gbarr@pobox.com>. All rights reserved.  
Scalar-List-Utills-1.27/ppport.h:Version 3.x, Copyright (c) 2004-2010,  
Marcus Holland-Moritz.  
Scalar-List-Utills-1.27/ppport.h:Version 2.x, Copyright (C) 2001, Paul  
Marquess.  
Scalar-List-Utills-1.27/ppport.h:Version 1.x, Copyright (C) 1999, Kenneth  
Albanowski.  
Scalar-List-Utills-1.27/ppport.h: my(\$copy) = \$self =~  
/^=head\d\s+COPYRIGHT\s\*(.\*)^=\w+/ms;  
threads-1.87/examples/pool.pl:Copyright 2006 - 2009 Jerry D. Hedden. All  
rights reserved.  
threads-1.87/ppport.h:Version 3.x, Copyright (c) 2004-2009, Marcus  
Holland-Moritz.  
threads-1.87/ppport.h:Version 2.x, Copyright (C) 2001, Paul Marquess.  
threads-1.87/ppport.h:Version 1.x, Copyright (C) 1999, Kenneth Albanowski.  
threads-1.87/README:Copyright (C) 2001 Artur Bergman <sky AT crucially DOT  
net>  
Attribute/Handlers.pm: Copyright (c) 2001-2009, Damian Conway. All  
Rights Reserved.  
B/Debug.pm:Copyright (c) 1996, 1997 Malcolm Beattie  
B/Debug.pm:Copyright (c) 2008, 2010 Reini Urban  
B/Deparse.pm:# Copyright (c) 1998-2000, 2002, 2003, 2004, 2005, 2006  
Stephen McCamant.  
encoding/warnings.pm:Copyright 2004, 2005, 2006, 2007 by Audrey Tang  
E<lt>cpan@audreyt.orgE<gt>.  
ExtUtils/Command.pm:use File::Copy;  
ExtUtils/Constant/Base.pm: # Copy the hashref, as we don't want to  
mess with the caller's hashref.  
ExtUtils/Constant/Base.pm: # Copy item, to create the utf8  
variant.  
File/Copy.pm:# File/Copy.pm. Written in 1994 by Aaron Sherman  
<ajs@ajs.com>. This  
Filter/Simple.pm: Copyright (c) 2000-2008, Damian Conway. All Rights  
Reserved.

## Third-Party Notices

---

FindBin.pm:# Copyright (c) 1995 Graham Barr & Nick Ing-Simmons. All rights reserved.

I18N/LangTags/Detect.pm:Copyright (c) 1998-2004 Sean M. Burke. All rights reserved.

I18N/LangTags/List.pm:Copyright (c) 2001+ Sean M. Burke. All rights reserved.

I18N/LangTags.pm:Copyright (c) 1998+ Sean M. Burke. All rights reserved.

Memoize.pm:Copyright 1998, 1999, 2000, 2001 by Mark Jason Dominus

Module/CoreList.pod:Copyright (C) 2002-2009 Richard Clamp. All Rights Reserved.

Net/Cmd.pm:# Copyright (c) 1995-2006 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/Config.pm:# Copyright (c) 2000 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/Domain.pm:Copyright (c) 1995-1998 Graham Barr. All rights reserved.

Net/FTP.pm:# Copyright (c) 1995-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/NNTP.pm:# Copyright (c) 1995-1997 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/Netrc.pm:# Copyright (c) 1995-1998 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/POP3.pm:# Copyright (c) 1995-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/Ping.pm:Copyright (c) 2002-2003, Rob Brown. All rights reserved.

Net/SMTP.pm:# Copyright (c) 1995-2004 Graham Barr <gbarr@pobox.com>. All rights reserved.

Net/Time.pm:Copyright (c) 1995-2004 Graham Barr. All rights reserved.

Net/libnetFAQ.pod:Copyright (c) 1997-1998 Graham Barr. All rights reserved.

NEXT.pm: Copyright (c) 2000-2001, Damian Conway. All Rights Reserved.

overload/numbers.pm:# Copyright (C) 2008 by Larry Wall and others

PerlIO/via/QuotedPrint.pm:Copyright (c) 2002-2003 Elizabeth Mattijsen. All rights reserved. This

pod/perlfaq4.pod:Copyright (c) 1997-2010 Tom Christiansen, Nathan Torkington, and

pod/perlglpl.pod: Gnomovision version 69, Copyright (C) 19xx name of author

pod/perlmodinstall.pod:Copyright (C) 1998, 2002, 2003 Jon Orwant. All Rights Reserved.

pod/perldebtut.pod:Richard Foley <richard.foley@rfi.net> Copyright (c) 2000

pod/perlopentut.pod:Copyright 1998 Tom Christiansen.

pod/perlembed.pod:Copyright (C) 1995, 1996, 1997, 1998 Doug MacEachern and Jon Orwant. All

pod/perlperf.pod:Richard Foley <richard.foley@rfi.net> Copyright (c) 2008

pod/perlreapi.pod:Copyright 2006 Yves Orton and 2007 E<AElig>var ArnfjE<ouml>rE<eth> Bjarmason.

pod/perlreftut.pod:Copyright 1998 The Perl Journal.

pod/perlrequick.pod:Copyright (c) 2000 Mark Kvale

pod/perlretut.pod:Copyright (c) 2000 Mark Kvale

pod/perlsymbian.pod:Copyright (c) 2004-2005 Nokia. All rights reserved.

pod/perlsymbian.pod:Copyright (c) 2006-2007 Jarkko Hietaniemi.

Pod/Escapes.pm:Copyright (c) 2001-2004 Sean M. Burke. All rights reserved.

Test.pm:Copyright (c) 1998-2000 Joshua Nathaniel Pritikin.

Test.pm:Copyright (c) 2001-2002 Michael G. Schwern.

Test.pm:Copyright (c) 2002-2004 Sean M. Burke.  
Text/Balanced.pm:Copyright 1997 - 2001 Damian Conway. All Rights Reserved.  
Text/Tabs.pm:Copyright (C) 2005 Aristotle Pagaltzis  
Text/Wrap.pm:many many others. Copyright (C) 1996-2009 David Muir Sharnoff.  
Unicode/Collate/allkeys.txt:# Copyright (c) 2001-2011 Unicode, Inc.  
unicore/Blocks.txt:# Copyright (c) 1991-2011 Unicode, Inc.  
unicore/CaseFolding.txt:# Copyright (c) 1991-2011 Unicode, Inc.  
unicore/NamedSequences.txt:# Copyright (c) 1991-2011 Unicode, Inc.  
unicore/SpecialCasing.txt:# Copyright (c) 1991-2011 Unicode, Inc.  
vendor\_perl/parent.pm:Copyright (c) 2007-10 Max Maischein C<<  
<corion@cpan.org> >>  
vendor\_perl/Pod/ParseLink.pm:# Copyright 2001, 2008, 2009 by Russ Allbery  
<rra@stanford.edu>  
vendor\_perl/Pod/Text/Color.pm:Copyright 1999, 2001, 2004, 2006, 2008, 2009  
Russ Allbery <rra@stanford.edu>.  
vendor\_perl/Pod/Text/Overstrike.pm:# Copyright 2001, 2004, 2008 Russ  
Allbery <rra@stanford.edu>.  
vendor\_perl/Pod/Text/Termcap.pm:Copyright 1999, 2001, 2002, 2004, 2006,  
2008, 2009 Russ Allbery  
vendor\_perl/Pod/Perldoc/BaseTo.pm:Copyright (c) 2002-2007 Sean M. Burke.  
vendor\_perl/Pod/Perldoc/GetOptsOO.pm:Copyright (c) 2002-2007 Sean M.  
Burke.  
vendor\_perl/Pod/Perldoc/ToANSI.pm:Copyright (c) 2011 Mark Allen. All  
rights reserved.  
vendor\_perl/Pod/Perldoc/ToChecker.pm:Copyright (c) 2002 Sean M. Burke.  
All rights reserved.  
vendor\_perl/Pod/Perldoc/ToMan.pm:Copyright (c) 2002,3,4 Sean M. Burke.  
All rights reserved.  
vendor\_perl/Pod/Perldoc/ToNroff.pm:Copyright (c) 2002 Sean M. Burke. All  
rights reserved.  
vendor\_perl/Pod/Perldoc/ToPod.pm:Copyright (c) 2002 Sean M. Burke. All  
rights reserved.  
vendor\_perl/Pod/Perldoc/ToRtf.pm:Copyright (c) 2002 Sean M. Burke. All  
rights reserved.  
vendor\_perl/Pod/Perldoc/ToTerm.pm:Copyright (c) 2011 Mark Allen.  
vendor\_perl/Pod/Perldoc/ToText.pm:Copyright (c) 2002 Sean M. Burke. All  
rights reserved.  
vendor\_perl/Pod/Perldoc/ToXml.pm:Copyright (c) 2002 Sean M. Burke. All  
rights reserved.  
vendor\_perl/Pod/Perldoc.pm:Copyright (c) 2002-2007 Sean M. Burke.  
vendor\_perl/Pod/Usage.pm:# Copyright (C) 1996-2000 by Bradford Appleton.  
All rights reserved.  
vendor\_perl/Pod/Simple/Checker.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/Debug.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/DumpAsText.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/DumpAsXML.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/HTML.pm:Copyright (c) 2002-2004 Sean M. Burke.  
vendor\_perl/Pod/Simple/HTMLBatch.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/LinkSection.pm:Copyright (c) 2004 Sean M. Burke.  
vendor\_perl/Pod/Simple/Methody.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/PullParser.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/PullParserEndToken.pm:Copyright (c) 2002 Sean M.  
Burke.  
vendor\_perl/Pod/Simple/PullParserStartToken.pm:Copyright (c) 2002 Sean M.  
Burke.

## Third-Party Notices

---

vendor\_perl/Pod/Simple/PullParserTextToken.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/PullParserToken.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/RTF.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/PullParserToken.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/RTF.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/Search.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/SimpleTree.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/Subclassing.pod:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/Text.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/TextContent.pm:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/Pod/Simple/XHTML.pm:Copyright (c) 2003-2005 Allison Randal.  
vendor\_perl/Pod/Simple/XMLOutputStream.pm:Copyright (c) 2002-2004 Sean M. Burke.  
vendor\_perl/Pod/Simple.pod:Copyright (c) 2002 Sean M. Burke.  
vendor\_perl/constant.pm:Copyright (C) 1997, 1999 Tom Phoenix  
vendor\_perl/Time/Local.pm:Copyright (c) 1997-2003 Graham Barr, 2003-2007 David Rolsky. All  
vendor\_perl/Carp.pm:Copyright (C) 1994-2012 Larry Wall  
vendor\_perl/Carp.pm:Copyright (C) 2011, 2012 Andrew Main (Zefram)  
<zefram@fysh.org>  
vendor\_perl/Getopt/Long.pm: # Copy the linkage. If omitted, link to global variable.  
vendor\_perl/Getopt/Long.pm:This program is Copyright 1990,2013 by Johan Vromans.  
XSLoader.pm:Copyright (C) 1990-2011 by Larry Wall and others.

Copyright (c) 2000-2006, The Perl Foundation.  
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

This license establishes the terms under which a given free software Package may be copied, modified, distributed, and/or redistributed. The intent is that the Copyright Holder maintains some artistic control over the development of that Package while still keeping the Package available as open source and free software.

You are always permitted to make arrangements wholly outside of this license directly with the Copyright Holder of a given Package. If the terms of this license do not permit the full use that you propose to make of the Package, you should contact the Copyright Holder and seek a different licensing arrangement.

### Definitions

"Copyright Holder" means the individual(s) or organization(s) named in the copyright notice for the entire Package.

"Contributor" means any party that has contributed code or other material to the Package, in accordance with the Copyright Holder's procedures.

""You"" and ""your"" means any person who would like to copy, distribute, or modify the Package.

""Package"" means the collection of files distributed by the Copyright Holder, and derivatives of that collection and/or of those files. A given Package may consist of either the Standard Version, or a Modified Version.

""Distribute"" means providing a copy of the Package or making it accessible to anyone else, or in the case of a company or organization, to others outside of your company or organization.

""Distributor Fee"" means any fee that you charge for Distributing this Package or providing support for this Package to another party. It does not mean licensing fees.

""Standard Version"" refers to the Package if it has not been modified, or has been modified only in ways explicitly requested by the Copyright Holder.

""Modified Version"" means the Package, if it has been changed, and such changes were not explicitly requested by the Copyright Holder.

""Original License"" means this Artistic License as Distributed with the Standard Version of the Package, in its current version or as it may be modified by The Perl Foundation in the future.

""Source"" form means the source code, documentation source, and configuration files for the Package.

∅

""Compiled"" form means the compiled bytecode, object code, binary, or any other form resulting from mechanical transformation or translation of the Source form.

#### Permission for Use and Modification Without Distribution

(1) You are permitted to use the Standard Version and create and use Modified Versions for any purpose without restriction, provided that you do not Distribute the Modified Version.

#### Permissions for Redistribution of the Standard Version

(2) You may Distribute verbatim copies of the Source form of the Standard Version of this Package in any medium without restriction, either gratis or for a Distributor Fee, provided that you duplicate all of the original copyright notices and associated disclaimers. At your discretion, such verbatim copies may or may not include a Compiled form of the Package.

∅

(3) You may apply any bug fixes, portability changes, and other modifications made available from the Copyright Holder. The resulting Package will still be considered the Standard Version, and as such will be subject to the Original License.

#### Distribution of Modified Versions of the Package as Source

(4) You may Distribute your Modified Version as Source (either gratis or for a Distributor Fee, and with or without a Compiled form of the Modified

## Third-Party Notices

---

Version) provided that you clearly document how it differs from the Standard Version, including, but not limited to, documenting any non-standard features, executables, or modules, and provided that you do at least ONE of the following:

(a) make the Modified Version available to the Copyright Holder of the Standard Version, under the Original License, so that the Copyright Holder may

include your modifications in the Standard Version.

(b) ensure that installation of your Modified Version does not prevent the user installing or running the Standard Version. In addition, the Modified

Version must bear a name that is different from the name of the Standard Version.

(c) allow anyone who receives a copy of the Modified Version to make the Source form of the Modified Version available to others under

(i) the Original License or

(ii) a license that permits the licensee to freely copy, modify and redistribute the Modified Version using the same licensing terms that apply to the

copy that the licensee received, and requires that the Source form of the Modified Version, and of any works derived from it, be made freely

available in that license fees are prohibited but Distributor Fees are allowed.

Distribution of Compiled Forms of the Standard Version or Modified Versions without the Source

(5) You may Distribute Compiled forms of the Standard Version without the Source, provided that you include complete instructions on how to get the Source of the Standard Version. Such instructions must be valid at the time of your distribution. If these instructions, at any time while you are carrying out such distribution, become invalid, you must provide new instructions on demand or cease further distribution. If you provide valid instructions or cease distribution within thirty days after you become aware that the instructions are invalid, then you do not forfeit any of your rights under this license.

(6) You may Distribute a Modified Version in Compiled form without the Source, provided that you comply with Section 4 with respect to the Source of the Modified Version.

Ø

Aggregating or Linking the Package

(7) You may aggregate the Package (either the Standard Version or Modified Version) with other packages and Distribute the resulting aggregation provided that you do not charge a licensing fee for the Package.

Distributor Fees are permitted, and licensing fees for other components in the aggregation are permitted. The terms of this license apply to the use and Distribution of the Standard or Modified Versions as included in the aggregation.

(8) You are permitted to link Modified and Standard Versions with other works, to embed the Package in a larger work of your own, or to build stand-alone binary or bytecode versions of applications that include the Package, and Distribute the result without restriction, provided the result does not expose a direct interface to the Package.

---

#### Items That are Not Considered Part of a Modified Version

(9) Works (including, but not limited to, modules and scripts) that merely extend or make use of the Package, do not, by themselves, cause the Package to be a Modified Version. In addition, such works are not considered parts of the Package itself, and are not subject to the terms of this license.

#### General Provisions

(10) Any use, modification, and distribution of the Standard or Modified Versions is governed by this Artistic License. By using, modifying or distributing the Package, you accept this license. Do not use, modify, or distribute the Package, if you do not accept this license.

(11) If your Modified Version has been derived from a Modified Version made by someone other than you, you are nevertheless required to ensure that your Modified Version complies with the requirements of this license.

(12) This license does not grant you the right to use any trademark, service mark, tradename, or logo of the Copyright Holder.

(13) This license includes the non-exclusive, worldwide, free-of-charge patent license to make, have made, use, offer to sell, sell, import and otherwise transfer the Package with respect to any patent claims licensable by the Copyright Holder that are necessarily infringed by the Package. If you institute patent litigation (including a cross-claim or counterclaim) against any party alleging that the Package constitutes direct or contributory patent infringement, then this Artistic License to you shall terminate on the date that such litigation is filed.

(14) Disclaimer of Warranty: THE PACKAGE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES. THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT ARE DISCLAIMED TO THE EXTENT PERMITTED BY YOUR LOCAL LAW. UNLESS REQUIRED BY LAW, NO COPYRIGHT HOLDER OR CONTRIBUTOR WILL BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING IN ANY WAY OUT OF THE USE OF THE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

GNU LIBRARY GENERAL PUBLIC LICENSE (Version 3)

GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The GNU General Public License is a free, copy left license for software and other kinds of works.

## Third-Party Notices

---

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program—to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

---

**TERMS AND CONDITIONS****0. Definitions.**

“This License” refers to version 3 of the GNU General Public License.

“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

“The Program” refers to any copyrightable work licensed under this License. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.

To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.

A “covered work” means either the unmodified Program or a work based on the Program.

To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

**1. Source Code.**

The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

A “Standard Interface” means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The “System Libraries” of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to

implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

### 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

### 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

#### 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

#### 5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

ia) The work must carry prominent notices stating that you modified it, and giving a relevant date.

ib) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to `keep intact all notices`.

ic) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

id) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an `aggregate` if the compilation and its resulting copyright are not used to limit the

access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

ia) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

ib) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

ic) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

id) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

ie) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A *“User Product”* is either (1) a *“consumer product”*, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, *“normally used”* refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

*“Installation Information”* for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

## 7. Additional Terms.

*“Additional permissions”* are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only

## Third-Party Notices

---

to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

ia) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

ib) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

ic) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

id) Limiting the use for publicity purposes of names of licensors or authors of the material; or

ie) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

if) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered ifurther restrictionsî within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms

that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

#### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

#### 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

#### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An entity transaction is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who

receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

### 11. Patents.

A contributor is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's contributor version.

A contributor's essential patent claims are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, control includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a patent license is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To grant such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. Knowingly relying means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is *discriminatory* if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

#### 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

#### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

#### 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public

## Third-Party Notices

---

License for any later version applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

### 15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM *AS IS* WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

### 16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the `©` line and a pointer to where the full notice is found.

<One line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>

This program comes with ABSOLUTELY NO WARRANTY; for details type ``show w'`.

This is free software, and you are welcome to redistribute it under certain conditions; type ``show c'` for details.

The hypothetical commands ``show w'` and ``show c'` should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an `about` box.

You should also get your employer (if you work as a programmer) or school, if any, to sign a `©` disclaimer for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

"

perl.org,DBI,1.643,"DBI is Copyright (c) 1994-2015 by Tim Bunce and others.

## Third-Party Notices

---

See LICENSE included with this distribution. All rights reserved.

This is free software; you can redistribute it and/or modify it under the same terms as the Perl5 (v5.0.0 ~ v5.20.0) programming language system itself: under the terms of either:

- a) the `""Artistic License 1.0""` as published by The Perl Foundation  
[http://www.perlfoundation.org/artistic\\_license\\_1\\_0](http://www.perlfoundation.org/artistic_license_1_0)
- b) the GNU General Public License as published by the Free Software Foundation;  
either version 1 <http://www.gnu.org/licenses/gpl-1.0.html>  
or (at your option) any later version

PLEASE NOTE: It is the current maintainers intention to keep the dual licensing intact. Until this notice is removed, releases will continue to be available under both the standard GPL and the less restrictive Artistic licenses.

Verbatim copies of both licenses are included below:

--- The Artistic License 1.0 ---

The `""Artistic License""`

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

`""Package""` refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

`""Standard Version""` refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

`""Copyright Holder""` is whoever is named in the copyright or copyrights for the package.

`""You""` is you, if you're thinking about copying or distributing this Package.

`""Reasonable copying fee""` is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large

as a market that must bear the fee.)

""Freely Available"" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.
2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.
3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:
  - a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.
  - b) use the modified Package only within your corporation or organization.
  - c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:
  - a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.
  - b) accompany the distribution with the machine-readable source of the Package with your modifications.
  - c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.
  - d) make other distribution arrangements with the Copyright Holder.
5. You may charge a reasonable copying fee for any distribution of this

## Third-Party Notices

---

Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

--- end of The Artistic License 1.0 ---

--- The GNU General Public License, Version 1, February 1989 ---

GNU GENERAL PUBLIC LICENSE  
Version 1, February 1989

Copyright (C) 1989 Free Software Foundation, Inc.

---

51 Franklin St, Fifth Floor, Boston, MA 02110-1301  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The license agreements of most software companies try to keep users at the mercy of those companies. By contrast, our General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. The General Public License applies to the Free Software Foundation's software and to any other program whose authors commit to using it. You can use it for your programs, too.

When we speak of free software, we are referring to freedom, not price. Specifically, the General Public License is designed to make sure that you have the freedom to give away or sell copies of free software, that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of a such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must tell them their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any work containing the Program or a portion of it, either verbatim or with modifications. Each

## Third-Party Notices

---

licensee is addressed as ""you"".

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this General Public License and to the absence of any warranty; and give any other recipients of the Program a copy of this General Public License along with the Program. You may charge a fee for the physical act of transferring a copy.

2. You may modify your copy or copies of the Program or any portion of it, and copy and distribute such modifications under the terms of Paragraph

1 above, provided that you also do the following:

a) cause the modified files to carry prominent notices stating that you changed the files and the date of any change; and

b) cause the whole of any work that you distribute or publish, that in whole or in part contains the Program or any part thereof, either with or without modifications, to be licensed at no charge to all third parties under the terms of this General Public License (except that you may choose to grant warranty protection to some or all third parties, at your option).

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the simplest and most usual way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this General Public License.

d) You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Mere aggregation of another independent work with the Program (or its derivative) on a volume of a storage or distribution medium does not bring the other work under the scope of these terms.

3. You may copy and distribute the Program (or a portion or derivative of it, under Paragraph 2) in object code or executable form under the terms of Paragraphs 1 and 2 above provided that you also do one of the following:

a) accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Paragraphs 1 and 2 above; or,

b) accompany it with a written offer, valid for at least three years, to give any third party free (except for a nominal charge for the cost of distribution) a complete machine-readable copy of the

corresponding source code, to be distributed under the terms of Paragraphs 1 and 2 above; or,

c) accompany it with the information you received as to where the corresponding source code may be obtained. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form alone.)

Source code for a work means the preferred form of the work for making modifications to it. For an executable file, complete source code means all the source code for all modules it contains; but, as a special exception, it need not include source code for modules which are standard libraries that accompany the operating system on which the executable file runs, or for standard header files or definitions files that accompany that operating system.

4. You may not copy, modify, sublicense, distribute or transfer the Program except as expressly provided under this General Public License. Any attempt otherwise to copy, modify, sublicense, distribute or transfer the Program is void, and will automatically terminate your rights to use the Program under this License. However, parties who have received copies, or rights to use copies, from you under this General Public License will not have their licenses terminated so long as such parties remain in full compliance.

5. By copying, distributing or modifying the Program (or any work based on the Program) you indicate your acceptance of this license to do so, and all its terms and conditions.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

7. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of the license which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the license, you may choose any version ever published by the Free Software Foundation.

8. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

9. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

10. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software

Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show
w'.
```

```
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

```
--- end of The GNU General Public License, Version 1, February 1989 ---
"
```

```
tadamski,openjdk-orb,10.0.0.Final," -----
Top-level license -----
org.jboss.openjdk-orb
```

```
----- License -----
The GNU General Public License (GPL)
```

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share

## Third-Party Notices

---

and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We

wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary.

To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The ""Program"", below, refers to any such program or work, and a ""work based on the Program"" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term ""modification".) Each licensee is addressed as ""you"".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications

## Third-Party Notices

---

or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though

## Third-Party Notices

---

third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to

refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

## Third-Party Notices

---

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach

them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ""copyright"" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a ""copyright disclaimer"" for the program, if necessary. Here is a sample; alter the names:

## Third-Party Notices

---

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

### ""CLASSPATH"" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words ""Oracle designates this particular file as subject to the ""Classpath"" exception as provided by Oracle in the LICENSE file that accompanied this code.""

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

```
----- Copyright notices -----
--

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

----- Fourth-party information -----
--

== NAME OF DEPENDENCY 1

jakarta.transaction-api

-----License-----

# Eclipse Public License - v 2.0

    THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS
ECLIPSE
    PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR
DISTRIBUTION
    OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS
AGREEMENT.

1. DEFINITIONS

    "Contribution" means:

    a) in the case of the initial Contributor, the initial content
        Distributed under this Agreement, and

    b) in the case of each subsequent Contributor:
        i) changes to the Program, and
        ii) additions to the Program;
    where such changes and/or additions to the Program originate from
    and are Distributed by that particular Contributor. A Contribution
    "originates" from a Contributor if it was added to the Program by
    such Contributor itself or anyone acting on such Contributor's
    behalf.
    Contributions do not include changes or additions to the Program
    that
    are not Modified Works.

    "Contributor" means any person or entity that Distributes the
    Program.

    "Licensed Patents" mean patent claims licensable by a Contributor
    which
    are necessarily infringed by the use or sale of its Contribution alone
    or when combined with the Program.

    "Program" means the Contributions Distributed in accordance with
    this
    Agreement.
```

## Third-Party Notices

---

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program.

Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

- iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to

defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this

## Third-Party Notices

---

Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign

the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended

to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

### Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

---

## The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom  
to share and change it. By contrast, the GNU General Public License is  
intended to guarantee your freedom to share and change free software--  
to make sure the software is free for all its users. This General Public  
License applies to most of the Free Software Foundation's software and  
to any other program whose authors commit to using it. (Some other  
Free Software Foundation software is covered by the GNU Library General  
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not  
price.

Our General Public Licenses are designed to make sure that you have  
the freedom to distribute copies of free software (and charge for this  
service if you wish), that you receive source code or can get it if  
you want it, that you can change the software or use pieces of it in new  
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights. These  
restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether  
gratis or for a fee, you must give the recipients all the rights that you  
have.

You must make sure that they, too, receive or can get the source code.  
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free

## Third-Party Notices

---

software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents.

We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under

the terms of this General Public License. The "Program", below, refers

to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute

such modifications or work under the terms of Section 1 above,  
provided  
that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.  
Program  
is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

## Third-Party Notices

---

- 1 a) Accompany it with the complete corresponding machine-readable  
source code, which must be distributed under the terms of Sections  
or, and 2 above on a medium customarily used for software interchange;
- cost b) Accompany it with a written offer, valid for at least three  
years, to give any third party, for a charge no more than your  
of physically performing source distribution, a complete  
machine-readable copy of the corresponding source code, to be  
distributed under the terms of Sections 1 and 2 above on a medium  
customarily used for software interchange; or,
- to c) Accompany it with the information you received as to the offer  
to distribute corresponding source code. (This alternative is allowed  
only for noncommercial distribution and only if you received the  
program in object code or executable form with such an offer, in  
accord with Subsection b above.)

The source code for a work means the preferred form of the work for  
making modifications to it. For an executable work, complete source  
code means all the source code for all modules it contains, plus any  
associated interface definition files, plus the scripts used to  
control compilation and installation of the executable. However, as a special  
exception, the source code distributed need not include anything that  
is normally distributed (in either source or binary form) with the major  
components (compiler, kernel, and so on) of the operating system on  
which the executable runs, unless that component itself accompanies  
the executable.

If distribution of executable or object code is made by offering  
access to copy from a designated place, then offering equivalent access to  
copy the source code from the same place counts as distribution of the  
source code, even though third parties are not compelled to copy the source  
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program  
except as expressly provided under this License. Any attempt otherwise  
will to copy, modify, sublicense or distribute the Program is void, and  
parties automatically terminate your rights under this License. However,  
who have received copies, or rights, from you under this License will  
not have their licenses terminated so long as such parties remain in  
full compliance.

5. You are not required to accept this License, since you have not

signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

## Third-Party Notices

---

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may

add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries

not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and

any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a

version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,

EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE

ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR

DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED

INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but

WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the

## Third-Party Notices

---

appropriate parts of the General Public License. Of course, the  
commands  
you use may be called something other than `show w` and `show c`; they  
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or  
your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program  
into proprietary programs. If your program is a subroutine library,  
you  
may consider it more useful to permit linking proprietary applications  
with the library. If this is what you want to do, use the GNU Library  
General Public License instead of this License.

---

### ## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is  
making a combined work based on this library. Thus, the terms and  
conditions of the GNU General Public License version 2 cover the whole  
combination.

As a special exception, the copyright holders of this library give you  
permission to link this library with independent modules to produce an  
executable, regardless of the license terms of these independent  
modules, and to copy and distribute the resulting executable under  
terms of your choice, provided that you also meet, for each linked  
independent module, the terms and conditions of the license of that  
module. An independent module is a module which is not derived from  
or  
based on this library. If you modify this library, you may extend  
this  
exception to your version of the library, but you are not obligated to  
do so. If you do not wish to do so, delete this exception statement  
from your version.

```
----- Copyright notices -----
--
Copyright (c) 1997, 2020 Oracle and/or its affiliates. All rights
reserved.
```

```
----- Fifth-party information -----
-
```

---

== NAME OF DEPENDENCY 1

jakarta.enterprise.cdi-api

-----License-----

Apache-2.0

----- Copyright notices -----

--

----- separator-----

== NAME OF DEPENDENCY 2

jakarta.interceptor-api

-----License-----

# Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS  
ECLIPSE

PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR  
DISTRIBUTION

OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS  
AGREEMENT.

#### 1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content  
Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from  
and are Distributed by that particular Contributor. A Contribution  
"originates" from a Contributor if it was added to the Program by  
such Contributor itself or anyone acting on such Contributor's  
behalf.

Contributions do not include changes or additions to the Program  
that

are not Modified Works.

"Contributor" means any person or entity that Distributes the  
Program.

"Licensed Patents" mean patent claims licensable by a Contributor  
which

are necessarily infringed by the use or sale of its Contribution alone  
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with  
this

Agreement.

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program.

Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is

licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

#### 3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

- iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance

claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

## Third-Party Notices

---

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign

the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended

to be enforceable by any entity that is not a Contributor or Recipient.

No third-party beneficiary rights are created under this Agreement.

### Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

## The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom  
to share and change it. By contrast, the GNU General Public License is  
intended to guarantee your freedom to share and change free software--  
to make sure the software is free for all its users. This General Public  
License applies to most of the Free Software Foundation's software and  
to any other program whose authors commit to using it. (Some other  
Free Software Foundation software is covered by the GNU Library General  
Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not  
price.

Our General Public Licenses are designed to make sure that you have  
the freedom to distribute copies of free software (and charge for this  
service if you wish), that you receive source code or can get it if  
you want it, that you can change the software or use pieces of it in new  
free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid  
anyone to deny you these rights or to ask you to surrender the rights. These  
restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether  
gratis or for a fee, you must give the recipients all the rights that you  
have.

You must make sure that they, too, receive or can get the source code.  
And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain

## Third-Party Notices

---

that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents.

We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under

the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of

it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

(Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

1 a) Accompany it with the complete corresponding machine-readable  
source code, which must be distributed under the terms of Sections  
or, and 2 above on a medium customarily used for software interchange;

cost b) Accompany it with a written offer, valid for at least three  
years, to give any third party, for a charge no more than your  
of physically performing source distribution, a complete  
machine-readable copy of the corresponding source code, to be  
distributed under the terms of Sections 1 and 2 above on a medium  
customarily used for software interchange; or,

to c) Accompany it with the information you received as to the offer  
to distribute corresponding source code. (This alternative is allowed  
only for noncommercial distribution and only if you received the  
program in object code or executable form with such an offer, in  
accord with Subsection b above.)

The source code for a work means the preferred form of the work for  
making modifications to it. For an executable work, complete source  
code

means all the source code for all modules it contains, plus any  
associated interface definition files, plus the scripts used to  
control compilation and installation of the executable. However, as a special  
exception, the source code distributed need not include anything that  
is normally distributed (in either source or binary form) with the major  
components (compiler, kernel, and so on) of the operating system on  
which the executable runs, unless that component itself accompanies  
the executable.

If distribution of executable or object code is made by offering  
access to copy from a designated place, then offering equivalent access to  
copy the source code from the same place counts as distribution of the  
source code, even though third parties are not compelled to copy the source  
along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program  
except as expressly provided under this License. Any attempt otherwise  
will to copy, modify, sublicense or distribute the Program is void, and  
parties automatically terminate your rights under this License. However,  
who have received copies, or rights, from you under this License will  
not have their licenses terminated so long as such parties remain in  
full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may

add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries

not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and ""any

later version"", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version

number of this License, you may choose any version ever published by the

Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY

KIND,

EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE

ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR

DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM

(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey

the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but

WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the

## Third-Party Notices

---

appropriate parts of the General Public License. Of course, the  
commands  
you use may be called something other than `show w` and `show c`; they  
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or  
your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program  
into proprietary programs. If your program is a subroutine library,  
you  
may consider it more useful to permit linking proprietary applications  
with the library. If this is what you want to do, use the GNU Library  
General Public License instead of this License.

---

### ## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is  
making a combined work based on this library. Thus, the terms and  
conditions of the GNU General Public License version 2 cover the whole  
combination.

As a special exception, the copyright holders of this library give you  
permission to link this library with independent modules to produce an  
executable, regardless of the license terms of these independent  
modules, and to copy and distribute the resulting executable under  
terms of your choice, provided that you also meet, for each linked  
independent module, the terms and conditions of the license of that  
module. An independent module is a module which is not derived from  
or  
based on this library. If you modify this library, you may extend  
this  
exception to your version of the library, but you are not obligated to  
do so. If you do not wish to do so, delete this exception statement  
from your version.

----- Copyright notices -----

--

Copyright (c) 2013, 2018 Oracle and/or its affiliates. All rights  
reserved.

----- separator-----

== NAME OF DEPENDENCY 3

jakarta.annotation-api

-----License-----

# Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS  
ECLIPSE  
PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR  
DISTRIBUTION  
OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS  
AGREEMENT.

## 1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial content  
Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from  
and are Distributed by that particular Contributor. A Contribution  
"originates" from a Contributor if it was added to the Program by  
such Contributor itself or anyone acting on such Contributor's  
behalf.

Contributions do not include changes or additions to the Program  
that  
are not Modified Works.

"Contributor" means any person or entity that Distributes the  
Program.

"Licensed Patents" mean patent claims licensable by a Contributor  
which  
are necessarily infringed by the use or sale of its Contribution alone  
or when combined with the Program.

"Program" means the Contributions Distributed in accordance with  
this  
Agreement.

"Recipient" means anyone who receives the Program under this  
Agreement  
or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or  
other  
form, that is based on (or derived from) the Program and for which the  
editorial revisions, annotations, elaborations, or other modifications  
represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form  
that

results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file

in Source Code form that contains any contents of the Program.

Modified

Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the

Program

or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available

in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

- i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

- ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

- iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

- iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent,

## Third-Party Notices

---

trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS"

BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward

## Third-Party Notices

---

reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

### Exhibit A - Form of Secondary Licenses Notice

```
""This Source Code may also be made available under the following
Secondary Licenses when the conditions for such availability set forth
in the Eclipse Public License, v. 2.0 are satisfied: {name license(s),
version(s), and exceptions or additional permissions here}.""
```

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

```
## The GNU General Public License (GPL) Version 2, June 1991
```

```
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1335
USA
```

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

## Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software-- to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents.

We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program

## Third-Party Notices

---

proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under

the terms of this General Public License. The "Program", below, refers

to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above,

provided

that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any

part

thereof, to be licensed as a whole at no charge to all third parties

under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

(Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange;

or,  
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost

of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium

customarily used for software interchange; or,

to c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to

these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new

## Third-Party Notices

---

versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and  
""any  
later version"", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a  
version  
number of this License, you may choose any version ever published by  
the  
Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM ""AS IS"" WITHOUT WARRANTY OF ANY  
KIND,  
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE  
IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.  
THE  
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU  
FOR  
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER  
OR  
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

### How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it

free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

```
Copyright (C) <year> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but

```
WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
General Public License for more details.
```

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to
redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
```

## Third-Party Notices

---

James Hacker.

signature of Ty Coon, 1 April 1989  
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

---

### ## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

----- Copyright notices -----

--

Copyright (c) 2005, 2018 Oracle and/or its affiliates. All rights reserved.

----- separator-----

== NAME OF DEPENDENCY 4

jakarta.el-api

-----License-----

# Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

### 1. DEFINITIONS

""Contribution"" means:

a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and

b) in the case of each subsequent Contributor:

- i) changes to the Program, and
- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution ""originates"" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf.

Contributions do not include changes or additions to the Program that are not Modified Works.

""Contributor"" means any person or entity that Distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions Distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

""Derivative Works"" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

""Modified Works"" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program.

Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

""Distribute"" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

""Source Code"" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Secondary License"" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

### 3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

- a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and
- b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
  - i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and
  - iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

- a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
- b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential

## Third-Party Notices

---

liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS

SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its

## Third-Party Notices

---

Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient.

No third-party beneficiary rights are created under this Agreement.

### Exhibit A - Form of Secondary Licenses Notice

""This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.""

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

---

## The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software-- to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the

freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if

you

want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone

to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis

or for a fee, you must give the recipients all the rights that you have.

You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on,

we

want its recipients to know that what they have is not the original,

so

that any problems introduced by others will not reflect on the original

authors' reputations.

Finally, any free program is threatened constantly by software patents.

We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent

must

be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under

the terms of this General Public License. The ""Program"", below, refers

## Third-Party Notices

---

to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language.

(Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running

the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

(Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program

is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any

associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and

any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or  
modify  
it under the terms of the GNU General Public License as published  
by  
the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.

This program is distributed in the hope that it will be useful,  
but  
WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
General Public License for more details.

You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA  
02110-1335 USA

Also add information on how to contact you by electronic and paper  
mail.

If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type
`show w'. This is free software, and you are welcome to
redistribute
it under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the  
appropriate parts of the General Public License. Of course, the  
commands  
you use may be called something other than `show w' and `show c'; they  
could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or  
your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program  
into proprietary programs. If your program is a subroutine library,  
you  
may consider it more useful to permit linking proprietary applications  
with the library. If this is what you want to do, use the GNU Library  
General Public License instead of this License.

---

## CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

----- Copyright notices -----  
--  
Copyright (c) 1997, 2019 Oracle and/or its affiliates and others.  
All rights reserved.  
Copyright 2004 The Apache Software Foundation

----- separator-----

== NAME OF DEPENDENCY 5

jakarta.inject-api

-----License-----

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common

control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

""Contributor"" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a ""NOTICE"" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents

of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only

## Third-Party Notices

---

on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

----- Copyright notices -----

--

Copyright (C) 2009 The JSR-330 Expert Group

----- separator-----

"  
the original author or authors, springdoc-openapi-ui, 1.6.15,"

Springdoc-openapi-ui

Copyright 2019-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

License: Apache 2.0

./LICENSE

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes

of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

""Contribution"" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition,

""submitted""

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as ""Not a Contribution.""

""Contributor"" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets `""[]""` replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same `""printed page""` as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the `""License""`);  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an `""AS IS""` BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Separator

Fourth Party Dependencies:

```
org.springdoc:springdoc-openapi-webmvc-core
org.springdoc:springdoc-openapi-common
org.springframework.boot:spring-boot-autoconfigure
org.springframework.boot:spring-boot
org.springframework:spring-web
io.swagger.core.v3:swagger-core
jakarta.xml.bind:jakarta.xml.bind-api
jakarta.activation:jakarta.activation-api
org.apache.commons:commons-lang3
com.fasterxml.jackson.core:jackson-annotations
com.fasterxml.jackson.core:jackson-databind
com.fasterxml.jackson.dataformat:jackson-dataformat-yaml
io.micrometer:micrometer-observation
io.micrometer:micrometer-commons
com.fasterxml.jackson.datatype:jackson-datatype-jsr310
io.swagger.core.v3:swagger-annotations
org.yaml:snakeyaml
io.swagger.core.v3:swagger-models
jakarta.validation:jakarta.validation-api
org.springframework:spring-webmvc
org.springframework:spring-aop
org.springframework:spring-beans
org.springframework:spring-context
org.springframework:spring-core
org.springframework:spring-jcl
org.springframework:spring-expression
org.webjars:swagger-ui
org.webjars:webjars-locator-core
org.slf4j:slf4j-api:jar
com.fasterxml.jackson.core:jackson-core
ch.randelshofer:fastdoubleparser
io.github.classgraph:classgraph
```

Separator

Fourth Party Dependencies Notices and Licences:

```
org.springdoc:springdoc-openapi-webmvc-core
```

Copyright 2019-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

## Third-Party Notices

---

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache License, Version 2.0

-----  
org.springdoc:springdoc-openapi-common  
Copyright 2019-2022 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache License, Version 2.0

-----  
org.springframework.boot:spring-boot-autoconfigure

Spring Boot \${version}  
Copyright (c) 2012-2023 VMware, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

Apache License, Version 2.0

```
/*
 * Copyright 2012-2019 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Apache License, Version 2.0

-----  
org.springframework.boot:spring-boot

Spring Boot \${version}

---

Copyright (c) 2012-2023 VMware, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

Apache License, Version 2.0

```
/*
 * Copyright 2012-2022 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

-----  
org.springframework:spring-web  
Copyright (c) 2012-2023 VMware, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

Apache License, Version 2.0

```
/*
 * Copyright 2002-2020 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

-----  
io.swagger.core.v3:swagger-core  
Copyright (c) 2017. SmartBear Software Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

## Third-Party Notices

---

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
jakarta.xml.bind:jakarta.xml.bind-api  
Eclipse Distribution License - v 1.0  
Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Notices for Jakarta XML Binding

This content is produced and maintained by the Jakarta XML Binding project.

Project home: <https://projects.eclipse.org/projects/ee4j.jaxb>

Trademarks

Jakarta XML Binding is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

#### Source Code

The project maintains the following source code repositories:

<https://github.com/eclipse-ee4j/jaxb-api>  
<https://github.com/eclipse-ee4j/jaxb-tck>

#### Third-party Content

This project leverages the following third party content.

Apache River (3.0.0)

License: Apache-2.0 AND BSD-3-Clause  
ASM 7 (n/a)

License: BSD-3-Clause  
Project: <https://asm.ow2.io/>  
Source: <https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~kw,versionexpand>  
JTHarness (5.0)

License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)  
Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>  
Source: <http://hg.openjdk.java.net/code-tools/jtharness/normalize.css> (3.0.2)

License: MIT  
SigTest (n/a)

License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  
Cryptography  
Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software.  
BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

-----  
jakarta.activation:jakarta.activation-api

Eclipse Distribution License - v 1.0  
Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

## Third-Party Notices

---

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Notices for Jakarta Activation

This content is produced and maintained by the Jakarta Activation project.

Project home: <https://projects.eclipse.org/projects/ee4j.jaf>

Trademarks

Jakarta Activation is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Public License v. 2.0 which is available at <https://www.eclipse.org/legal/epl-2.0>, or the Eclipse Distribution License v1.0 which is available at <https://www.eclipse.org/org/documents/edl-v10.php>. This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License v. 2.0 are satisfied: (secondary) GPL-2.0 with Classpath-exception-2.0 which is available at <https://openjdk.java.net/legal/gplv2+ce.html>.

SPDX-License-Identifier: EPL-2.0 OR BSD-3-Clause OR GPL-2.0-only with Classpath-exception-2.0

Source Code

The project maintains the following source code repositories:

<https://github.com/jakartaee/jaf-api>

<https://github.com/jakartaee/jaf-tck>

Third-party Content

This project leverages the following third party content.

Apache Ant (1.9.6)

License: Apache License, 2.0, W3C License, Public Domain  
Apache Ant (1.9.6)

License: Apache License, 2.0, W3C License, Public Domain  
Apache commons-lang (3.5)

License: Apache-2.0  
font-awesome (4.7.0)

License: OFL-1.1 AND MIT  
jsoup (1.10.2)

License: MIT  
JTHarness (5.0)

License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)  
Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>  
Source: <http://hg.openjdk.java.net/code-tools/jtharness/>  
JUnit (4.12)

License: Eclipse Public License  
normalize.css (3.0.2)

License: MIT  
Project: <http://nicolas.github.io/normalize.css/>  
Source: <http://nicolas.github.io/normalize.css/>  
SigTest (4.0)

License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  
Project: <https://wiki.openjdk.java.net/display/CodeTools/sigtest>  
Source: <http://hg.openjdk.java.net/code-tools/sigtest/file/c57f97e2ac2f>  
Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

-----  
org.apache.commons:commons-lang3

Apache Commons Lang  
Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at  
The Apache Software Foundation (<https://www.apache.org/>).

Apache License, Version 2.0

/\*

## Third-Party Notices

---

```
* Licensed to the Apache Software Foundation (ASF) under one or more
* contributor license agreements. See the NOTICE file distributed with
* this work for additional information regarding copyright ownership.
* The ASF licenses this file to You under the Apache License, Version 2.0
* (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
*
*     http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

```
-----
com.fasterxml.jackson.core:jackson-annotations
com.fasterxml.jackson.core:jackson-databind
com.fasterxml.jackson:jackson-bom
com.fasterxml.jackson.dataformat:jackson-dataformat-yaml
```

License : Apache License Version 2.0

Copyright (c) 2023 Tatu Saloranta

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

<http://www.apache.org/licenses/LICENSE-2.0>

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

óóó  
Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## Licensing

---

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

## ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

-----  
io.micrometer:micrometer-observation  
io.micrometer:micrometer-commons

License : Apache License Version 2.0 [0]

-----  
Copyright:  
-----

Micrometer

Copyright (c) 2017-2023 VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
Notice:  
-----

This product contains a modified portion of 'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',

## Third-Party Notices

---

in the Commons Lang library distributed by The Apache Software Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer', in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the 'org.springframework.lang' package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

-----  
com.fasterxml.jackson.datatype:jackson-datatype-jsr310

```
# Copyright 2013 FasterXML.com
#
# Licensed under the Apache License, Version 2.0 (the "License"); you
may
# not use this file except in compliance with the License. You may obtain
# a copy of the License at
#
#   http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing, software
# distributed under the License is distributed on an "AS IS" BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
# See the license for the specific language governing permissions and
# limitations under the license.
com.fasterxml.jackson.datatype.jsr310.JSR310Module
```

-----  
io.swagger.core.v3:swagger-annotations

```
Swagger Core - ${pom.name}
Copyright (c) 2015. SmartBear Software Inc.
Swagger Core - ${pom.name} is licensed under Apache 2.0 license.
Copy of the Apache 2.0 license can be found in `LICENSE` file.
```

Copyright 2020 SmartBear Software Inc.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
org.yaml:snakeyaml

Copyright (c) 2008, SnakeYAML

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
io.swagger.core.v3:swagger-models

Swagger Core - \${pom.name}

Copyright (c) 2015. SmartBear Software Inc.

Swagger Core - \${pom.name} is licensed under Apache 2.0 license.

Copy of the Apache 2.0 license can be found in `LICENSE` file.

Copyright 2020 SmartBear Software Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

-----  
jakarta.validation:jakarta.validation-api

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

## Third-Party Notices

---

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Notices for Eclipse Jakarta Bean Validation

This content is produced and maintained by the Eclipse Jakarta Bean Validation project.

Project home: <https://projects.eclipse.org/projects/ee4j.bean-validation>

Trademarks

Jakarta Bean Validation is a trademark of the Eclipse Foundation.

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <https://www.apache.org/licenses/LICENSE-2.0>.

SPDX-License-Identifier: Apache-2.0

Source Code

The project maintains the following source code repositories:

The specification repository

The API repository

The TCK repository

Third-party Content

This project leverages the following third party content.

Test dependencies:

TestNG - Apache License 2.0  
 JCommander - Apache License 2.0  
 SnakeYAML - Apache License 2.0

```
-----
org.springframework:spring-webmvc

/*
 * Copyright 2002-2020 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */

Spring Framework ${version}
Copyright (c) 2002-${copyright} Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0
(the "License"). You may not use this product except in compliance with
the License.
```

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

```
-----
org.springframework:spring-aop

Spring Framework ${version}
Copyright (c) 2002-${copyright} Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0
(the "License"). You may not use this product except in compliance with
the License.
```

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

## Third-Party Notices

---

org.springframework:spring-beans

```
/*
 * Copyright 2002-2012 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Apache License, Version 2.0

Spring Framework \${version}  
Copyright (c) 2002-<sup>{copyright}</sup> Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

-----  
org.springframework:spring-context

```
/*
 * Copyright 2002-2012 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Apache License, Version 2.0

Spring Framework \${version}

---

Copyright (c) 2002-`{copyright}` Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "`License`"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the `license.txt` file.

-----  
org.springframework:spring-core

Spring Framework `{version}`  
Copyright (c) 2002-`{copyright}` Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "`License`"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the `license.txt` file.

Apache License, Version 2.0

-----  
org.springframework:spring-jcl

Copyright 2002-2022 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "`License`"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "`AS IS`" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache License, Version 2.0

Spring Framework `{version}`  
Copyright (c) 2002-`{copyright}` Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "`License`"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate

## Third-Party Notices

---

copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

-----  
org.springframework:spring-expression

Copyright 2002-2022 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache License, Version 2.0

Spring Framework \${version}  
Copyright (c) 2002-\${copyright} Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

-----  
org.webjars:swagger-ui  
Copyright (c) 2013 James Ward

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS  
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE  
AUTHORS OR  
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,  
WHETHER  
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN  
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
org.webjars:webjars-locator-core  
Copyright (c) 2013 James Ward

Permission is hereby granted, free of charge, to any person obtaining a  
copy of  
this software and associated documentation files (the ""Software""), to  
deal in  
the Software without restriction, including without limitation the rights  
to  
use, copy, modify, merge, publish, distribute, sublicense, and/or sell  
copies of  
the Software, and to permit persons to whom the Software is furnished to  
do so,  
subject to the following conditions:

The above copyright notice and this permission notice shall be included in  
all  
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS  
OR  
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,  
FITNESS  
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE  
AUTHORS OR  
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,  
WHETHER  
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN  
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
org.slf4j:slf4j-api

Copyright © 2004-2021 QOS.ch  
All rights reserved.  
MIT License

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)  
All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining  
a copy of this software and associated documentation files (the  
""Software""), to deal in the Software without restriction, including  
without limitation the rights to use, copy, modify, merge, publish,  
distribute, sublicense, and/or sell copies of the Software, and to  
permit persons to whom the Software is furnished to do so, subject to  
the following conditions:

## Third-Party Notices

---

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
com.fasterxml.jackson.core:jackson-core

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Apache License, Version 2.0  
-----

io.github.classgraph:classgraph

Copyright (c) 2019 Luke Hutchison  
MIT License

The MIT License (MIT)

Copyright (c) 2019 Luke Hutchison

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
ch.randelshofer:fastdoubleparser

License:  
MIT License

Copyright (c) 2021 Werner Randelshofer, Switzerland.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### Notice

#### # FastDoubleParser

This is a Java port of Daniel Lemire's `fast_float` project. This project provides parsers for `double`, `float`, `BigDecimal` and `BigInteger` values.

#### ## Copyright

Copyright © 2023 Werner Randelshofer, Switzerland.

#### ## Licensing

This code is licensed under MIT License.  
<https://github.com/wrandelshofer/FastDoubleParser/blob/522be16e145f43308c43b23094e31d5efcaa580e/LICENSE>  
(The file 'LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

Some portions of the code have been derived from other projects. All these projects require that we include a copyright notice, and some require that we also include some text of their license file.

`fast_double_parser`, Copyright (c) 2022 Daniel Lemire. BSL License.  
[https://github.com/lemire/fast\\_double\\_parser](https://github.com/lemire/fast_double_parser)  
[https://github.com/lemire/fast\\_double\\_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE.BSL](https://github.com/lemire/fast_double_parser/blob/07d9189a8fb815fe800cb15ca022e7a07093236e/LICENSE.BSL)  
(The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

`fast_float`, Copyright (c) 2021 The `fast_float` authors. MIT License.  
[https://github.com/fastfloat/fast\\_float](https://github.com/fastfloat/fast_float)  
[https://github.com/fastfloat/fast\\_float/blob/cc1e01e9eee74128e48d51488a6b1df4a767a810/LICENSE-MIT](https://github.com/fastfloat/fast_float/blob/cc1e01e9eee74128e48d51488a6b1df4a767a810/LICENSE-MIT)  
(The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

`bigint`, Copyright 2020 Tim Bukt. 2-clause BSD License.  
<https://github.com/tbukt/bigint/tree/floatfft>  
<https://github.com/tbukt/bigint/blob/617c8cd8a7c5e4fb4d919c6a4d11e258610f029/LICENSE>  
<https://github.com/wrandelshofer/FastDoubleParser/blob/39e123b15b71f29a38a087d16a0bc620fc879aa6/bigint-LICENSE>  
(We only use those portions of the `bigint` project that can be licensed under 2-clause BSD License.)  
(The file 'thirdparty-LICENSE' is included in the sources and classes Jar files that are released by this project  
- as is required by that license.)

-----  
Licences

Apache License

Version 2.0, January 2004  
<http://www.apache.org/licenses/>

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,  
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition,

"submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,  
use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing

the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions

## Third-Party Notices

---

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

=====  
==

Eclipse Public License - v 1.0  
THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

### 1. DEFINITIONS

""Contribution"" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
  - i) changes to the Program, and
  - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

""Contributor"" means any person or entity that distributes the Program.

""Licensed Patents"" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

""Program"" means the Contributions distributed in accordance with this Agreement.

""Recipient"" means anyone who receives the Program under this Agreement, including all Contributors.

## 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to

## Third-Party Notices

---

Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
  - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
  - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably

allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws,

damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor

under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

=====  
==

MIT License

Copyright <YEAR> <COPYRIGHT HOLDER>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ""Software""), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ""AS IS"", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

"

the original author or authors, springdoc-openapi-security, 1.6.15,"

springdoc-openapi-security

Copyright 2019-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the ""License""); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an ""AS IS"" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

License: Apache 2.0

./LICENSE

Apache License  
Version 2.0, January 2004  
<https://www.apache.org/licenses/>

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

""License"" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

""Licensor"" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

""Legal Entity"" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, ""control"" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

""You"" (or ""Your"") shall mean an individual or Legal Entity exercising permissions granted by this License.

""Source"" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

""Object"" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

""Work"" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

""Derivative Works"" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications

represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[ ]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

## Third-Party Notices

---

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

Separator

Separator

Fourth Party Dependencies:

Separator

```
org.springdoc:springdoc-openapi-common
org.springframework.boot:spring-boot-autoconfigure
org.springframework.boot:spring-boot
org.springframework:spring-core
org.springframework:spring-jcl
org.springframework:spring-context
org.springframework:spring-aop
org.springframework:spring-beans
org.springframework:spring-expression
org.springframework:spring-web
io.micrometer:micrometer-observation
io.micrometer:micrometer-commons
io.swagger.core.v3:swagger-core
jakarta.xml.bind:jakarta.xml.bind-api
org.apache.commons:commons-lang3
com.fasterxml.jackson.core:jackson-annotations
com.fasterxml.jackson.core:jackson-databind
com.fasterxml.jackson.dataformat:jackson-dataformat-yaml
org.yaml:snakeyaml
com.fasterxml.jackson.core:jackson-core
com.fasterxml.jackson:jackson-bom
com.fasterxml.jackson.datatype:jackson-datatype-jsr310
ch.randelshofer:fastdoubleparser
io.swagger.core.v3:swagger-annotations
io.swagger.core.v3:swagger-models
jakarta.validation:jakarta.validation-api
org.springframework.security:spring-security-core
org.springframework.security:spring-security-crypto
```

Separator

Fourth Party Dependencies Notices and Licences:

Separator

```
org.springdoc:springdoc-openapi-common
```

Copyright 2019-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

---

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache License, Version 2.0  
-----

org.springframework.boot:spring-boot-autoconfigure

Spring Boot  
Copyright (c) 2012-2023 VMware, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

Apache License, Version 2.0  
-----

org.springframework.boot:spring-boot

Spring Boot  
Copyright (c) 2012-2023 VMware, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

Apache License, Version 2.0  
-----

org.springframework:spring-core

Spring Framework

```
/*
 * Copyright 2002-2023 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

## Third-Party Notices

---

Apache License, Version 2.0

-----

org.springframework:spring-jcl

Spring Framework

/\*

\* Copyright 2002-2023 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* <https://www.apache.org/licenses/LICENSE-2.0>

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Apache License, Version 2.0

-----

org.springframework:spring-context

Spring Framework

/\*

\* Copyright 2002-2023 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* <https://www.apache.org/licenses/LICENSE-2.0>

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Apache License, Version 2.0

-----

org.springframework:spring-aop

Spring Framework

/\*

\* Copyright 2002-2023 the original author or authors.

```
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*     https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Apache License, Version 2.0

-----  
org.springframework:spring-beans

Spring Framework

```
/*
* Copyright 2002-2023 the original author or authors.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*     https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
* See the License for the specific language governing permissions and
* limitations under the License.
```

Apache License, Version 2.0

-----  
org.springframework:spring-expression

Spring Framework

```
/*
* Copyright 2002-2023 the original author or authors.
*
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*     https://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
```

## Third-Party Notices

---

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
\* See the License for the specific language governing permissions and  
\* limitations under the License.  
\*/

Apache License, Version 2.0

-----  
org.springframework:spring-web

```
/*
 * Copyright 2002-2023 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

Apache License, Version 2.0

-----  
io.micrometer:micrometer-observation  
io.micrometer:micrometer-commons

License : Apache License Version 2.0 [0]

-----  
Copyright:  
-----

Micrometer

Copyright (c) 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software  
distributed under the License is distributed on an "AS IS" BASIS,  
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
See the License for the specific language governing permissions and

limitations under the License.

-----  
Notice:  
-----

This product contains a modified portion of  
'io.netty.util.internal.logging',  
in the Netty/Common library distributed by The Netty Project:

- \* Copyright 2013 The Netty Project
- \* License: Apache License v2.0
- \* Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',  
in the Commons Lang library distributed by The Apache Software  
Foundation:

- \* Copyright 2001-2019 The Apache Software Foundation
- \* License: Apache License v2.0
- \* Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',  
in the Moshi library distributed by Square, Inc:

- \* Copyright 2010 Google Inc.
- \* License: Apache License v2.0
- \* Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the  
'org.springframework.lang'  
package in the Spring Framework library, distributed by VMware, Inc:

- \* Copyright 2002-2019 the original author or authors.
- \* License: Apache License v2.0
- \* Homepage: <https://spring.io/projects/spring-framework>

-----  
io.swagger.core.v3:swagger-core

Swagger Core  
Copyright (c) 2015. SmartBear Software Inc.  
Swagger Core - \${pom.name} is licensed under Apache 2.0 license.  
Copy of the Apache 2.0 license can be found in `LICENSE` file.  
-----

jakarta.xml.bind:jakarta.xml.bind-api

Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

## Third-Party Notices

---

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### óóNotices for Jakarta XML Binding

This content is produced and maintained by the Jakarta XML Binding project.

Project home: <https://projects.eclipse.org/projects/ee4j.jaxb>

### Trademarks

Jakarta XML Binding is a trademark of the Eclipse Foundation.

### Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

### Source Code

The project maintains the following source code repositories:

<https://github.com/eclipse-ee4j/jaxb-api>

<https://github.com/eclipse-ee4j/jaxb-tck>

### Third-party Content

This project leverages the following third party content.

Apache River (3.0.0)

License: Apache-2.0 AND BSD-3-Clause

ASM 7 (n/a)

License: BSD-3-Clause  
 Project: <https://asm.ow2.io/>  
 Source: <https://repository.ow2.org/nexus/#nexus-search;gav~org.ow2.asm~asm-commons~kw,versionexpand>  
 JTHarness (5.0)

License: (GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0)  
 Project: <https://wiki.openjdk.java.net/display/CodeTools/JT+Harness>  
 Source: <http://hg.openjdk.java.net/code-tools/jtharness/normalize.css> (3.0.2)

License: MIT  
 SigTest (n/a)

License: GPL-2.0 OR GPL-2.0 WITH Classpath-exception-2.0  
 Cryptography  
 Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software.  
 BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

-----  
 org.apache.commons:commons-lang3

Apache Commons Lang  
 Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at  
 The Apache Software Foundation (<https://www.apache.org/>).

Apache License, Version 2.0

```

/*
 * Licensed to the Apache Software Foundation (ASF) under one or more
 * contributor license agreements. See the NOTICE file distributed with
 * this work for additional information regarding copyright ownership.
 * The ASF licenses this file to You under the Apache License, Version 2.0
 * (the "License"); you may not use this file except in compliance with
 * the License. You may obtain a copy of the License at
 *
 *     http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */

```

## Third-Party Notices

---

-----  
org.slf4j:slf4j-api

MIT License

Copyright (c) 2004-2022 QOS.ch Sarl (Switzerland)

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----  
com.fasterxml.jackson.core:jackson-annotations  
com.fasterxml.jackson.core:jackson-databind  
com.fasterxml.jackson:jackson-bom  
com.fasterxml.jackson.dataformat:jackson-dataformat-yaml

License : Apache License Version 2.0

Copyright (c) 2023 Tatu Saloranta

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

<http://www.apache.org/licenses/LICENSE-2.0>

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the license.txt file.

óóó  
Notice:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

---

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## ## Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

## ## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

## ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

-----  
org.yaml:snakeyaml

Copyright (c) 2008, SnakeYAML

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----  
com.fasterxml.jackson.core:jackson-core

## Notice

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

## ## Copyright

## Third-Party Notices

---

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

### ## Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0  
To find the details that apply to this artifact see the accompanying LICENSE file.

### ## Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Apache License, Version 2.0

-----

ch.randelshofer:fastdoubleparser

License:  
MIT License

Copyright (c) 2021 Werner Randelshofer, Switzerland.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----

---

com.fasterxml.jackson.datatype:jackson-datatype-jsr310

```
# Copyright 2013 FasterXML.com
#
# Licensed under the Apache License, Version 2.0 (the "License"); you
may
# not use this file except in compliance with the License. You may obtain
# a copy of the License at
#
#   http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing, software
# distributed under the License is distributed on an "AS IS" BASIS,
# WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
# See the license for the specific language governing permissions and
# limitations under the license.
com.fasterxml.jackson.datatype.jsr310.JSR310Module
```

-----  
io.swagger.core.v3:swagger-annotations

```
Swagger Core - ${pom.name}
Copyright (c) 2015. SmartBear Software Inc.
Swagger Core - ${pom.name} is licensed under Apache 2.0 license.
Copy of the Apache 2.0 license can be found in `LICENSE` file.
```

Apache License, Version 2.0

-----  
io.swagger.core.v3:swagger-models

```
Swagger Core - ${pom.name}
Copyright (c) 2015. SmartBear Software Inc.
Swagger Core - ${pom.name} is licensed under Apache 2.0 license.
Copy of the Apache 2.0 license can be found in `LICENSE` file.
```

Apache License, Version 2.0

-----  
jakarta.validation:jakarta.validation-api

```
Eclipse Distribution License - v 1.0
Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.
```

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

## Third-Party Notices

---

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### Notices for Eclipse Jakarta Bean Validation

This content is produced and maintained by the Eclipse Jakarta Bean Validation project.

Project home: <https://projects.eclipse.org/projects/ee4j.bean-validation>

### Trademarks

Jakarta Bean Validation is a trademark of the Eclipse Foundation.

### Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

### Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Apache License, Version 2.0 which is available at <https://www.apache.org/licenses/LICENSE-2.0>.

SPDX-License-Identifier: Apache-2.0

### Source Code

The project maintains the following source code repositories:

The specification repository

The API repository

The TCK repository

Third-party Content

This project leverages the following third party content.

### Test dependencies:

TestNG - Apache License 2.0

JCommander - Apache License 2.0

SnakeYAML - Apache License 2.0

```
-----
org.springframework.security:spring-security-core
org.springframework.security:spring-security-crypto
```

```
License : Apache License Version 2.0 [0]
```

```
/*
 * Copyright 2002-2022 the original author or authors.
 *
 * Licensed under the Apache License, Version 2.0 (the "License");
 * you may not use this file except in compliance with the License.
 * You may obtain a copy of the License at
 *
 *     https://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
 * implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
```

```
=====
== NOTICE file corresponding to section 4(d) of the Apache License, ==
== Version 2.0, in this case for the Spring Security distribution. ==
=====
```

The end-user documentation included with a redistribution, if any, must include the following acknowledgement:

```
""This product includes software developed by Spring Security
Project (https://www.springframework.org/security).""
```

Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

```
The names ""Spring"", ""Spring Security"", ""Spring Security System"",
""SpringSource"", ""Acegi"", ""Acegi Security"", ""Acegi Security
System"",
""Acegi"" or any derivatives thereof may not be used to endorse or
promote products derived from this software without prior written
permission. For written permission, please contact
ben.alex@springsource.com.
```

```
-----
"
```